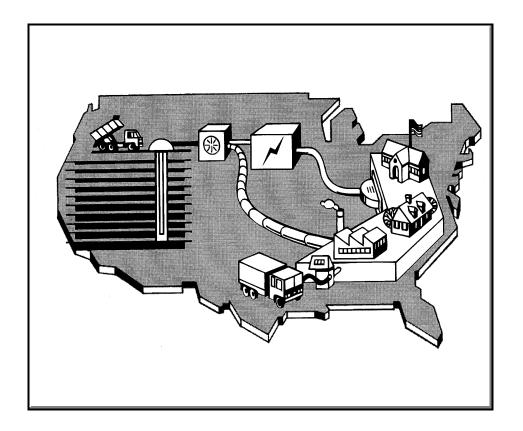


EPA Landfill Gas-to-Energy Project **Opportunities**

Landfill Profiles for the State of Texas





EPA Landfill Methane Outreach Program



The EPA Landfill Methane Outreach Program, a key component of the United State's *Climate Change Action Plan*, encourages the use of landfill gas (LFG) as an energy resource. EPA assists utilities,

municipal and private landfill owners and operators, tribes, and state agencies in reducing methane emissions from landfills through the development of profitable landfill energy recovery projects. Methane captured from landfills can be transformed into a cost-effective fuel source for electricity, heat, boiler and vehicular fuel, or sale to a pipeline. EPA estimates there are approximately 200 landfill methane recovery projects in the U.S. and that up to 750 landfills could install economically viable landfill energy projects.

The Landfill Methane Outreach Program includes five important components: the State Ally, Energy Ally, Industry Ally, Community Partner, and Endorser programs. EPA establishes separate alliances with state agencies, energy providers (including investor-owned, municipal and other public power utilities and cooperatives), key trade and public sector associations, members of the landfill gas development industry (including developers, engineers, equipment vendors, and others) and local communities, municipalities and landfill owner/operators through a Memorandum of Understanding (MOU). By signing the MOU, each Ally/Partner acknowledges a shared commitment to the promotion of landfill gas-to-energy recovery at solid waste landfills, recognizes that the widespread use of landfill gas will reduce emissions of methane and other gases, and commits to undertake activities to enhance development of this resource. In return, EPA agrees to provide landfill gas-to-energy project assistance and public recognition of the Allies' and Partners' participation in the program.

Introduction

Since 1994 the U.S. EPA's Landfill Methane Outreach Program (LMOP) has participated in an ongoing effort to gather information on Municipal Solid Waste landfills (MSW). A key component of the LMOP is to provide MSW landfill owners and operators, project developers, utilities, and other potential project participants with information on MSW landfills that may offer attractive energy development opportunities. This document presents state specific landfill information, hereinafter referred to as the landfill profiles. These profiles are useful to evaluate the potential for developing landfill gas-toenergy projects (LFGTE). EPA assembled this information from state and local sources as well as various national solid waste publications, landfill owners and operators, and project developers.

The EPA has prepared a separate document to describe the methodology used to develop the state-specific landfill profiles and estimate the benefits of using LFGTE as an energy source. The document, Landfill Gas-to-Energy Project Opportunities, Background Information on Landfill Profiles, contains background information on gas collection and use, describes the data fields according to the five sections listed on the landfill profiles, and where applicable, illustrates calculations and default values used to derive estimates. EPA strongly recommends that users read the document prior to using the landfill profiles. Users can obtain the document by calling the LMOP hotline at 1-888-STAR-YES.

Data Sources

- EPA-ORD Landfill Gas Utilization-Survey (Thorneloe, 1997)
- Directory and Atlas of Solid Waste Disposal Facilities (SWA, 1994)
- Implementation Guide for Landfill Gas Recovery Projects in the Northeast (SCS, 1994)
- Landfill Gas-to-Energy 1994-1995 Activity Report (SWT, 1994)
- Methane Recovery from Landfill Yearbook (GAA, 1994)
- · Project developers, landfill owners, and operators
- · State and local records
- · Survey of Landfill Gas Generation Potential (EPRI, 1992)
- U.S. Landfill Directory (SWANA, 1992)

Landfill Classification

To facilitate the use of available landfill information, EPA has categorized the landfills into five categories: Current Project, ¹ Candidate Project, Shutdown, Other, and Unknown waste-in-place (WIP). These categories are based on the status of the landfill's LFGTE project(s) and WIP. The generation of methane is a function of many factors, the most critical being the amount of waste-in-place and the number of years the waste has been in the landfill. Peak methane generation occurs soon after closure; therefore, the longer the landfill has been closed, the less attractive it becomes for methane recovery. Based on the general timing of peak methane generation, EPA assumes that landfills that ceased accepting waste prior to 1993 have a low probability of generating enough methane to make a gas recovery project economical. Consequently, landfills need to be operating in 1993 to be considered as having a Candidate Project.

Landfill Categorizes

Current Project:

 Landfill with operational LFGTE project or landfill with LFGTE project under construction.

Candidate Project:

- Landfill with a potential or planned LFGTE utilization project; or
- Landfill is currently operating or closed after 1993; and has more than 1,000,000 tons of municipal solid waste-inplace.²

Shutdown:

· Landfill with shutdown LFGTE project.

Other

 Landfill has less than 1,000,000 tons of municipal solid waste-in-place with no current or planned LFGTE project.

Unknown WIP:

 Landfill with insufficient data to determine the waste-inplace

State Summary

State-specific landfill profile information is summarized in three exhibits. Exhibit 1 presents a summary of the state-specific potential for LFG utilization energy by landfill category. Exhibit 2 summarizes the emissions avoided by fossil fuel displacement for electricity generation and direct use projects. Exhibit 3 presents an index of the state-specific MSW landfills, referenced by category, landfill name and general characteristics.

² By modeling the relationship between WIP and methane generation, a cut-off of 1,000,000 tons of WIP was established; landfills having at least 1,000,000 tons of WIP are considered candidate landfills.



¹ Current projects illustrate the wide range of successful project development options.

Exhibit 1: Texas MSW Landfill Summary

Category	No. of	. ,		Est. CH4	Methane R		CO2 Equivalent of CH4		
	Landfills	Electricity (MW)	Gas Capacity (mmBtu/hr) Generation (tons/yr)		(tons/yr)		Reduc (tons		
					Potential	Current	Potential	Current	
Current	7	66	657	21	121,508	97,131	2,551,674	2,039,747	
Candidate	57	259	2,596	83	480,171	6,938	10,083,601	145,696	
Other	23	52	517	17	95,656	0	2,008,774	0	
Unknown WIP	14								
Total	101	376	3,769	121	697,336	104,069	14,644,050	2,185,443	

Exhibit 2: Potential Texas Emissions Avoided by Fossil Fuel Displacement

Category		Electricity Generation Project						Direct Use Project					
	C	CO2 (tons/yr)			SO2 (tons/yr)			CO2 (tons/yr)			SO2 (tons/yr)		
	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas	
Current	517,765	424,958	285,748	3,273	2,735	0	365,906	300,319	201,938	3,329	1,750	2	
Candidate	2,045,803	1,679,103	1,129,052	12,931	10,808	0	1,445,971	1,186,788	798,012	13,157	6,916	7	
Other	407,267	334,266	224,765	2,574	2,151	0	288,055	236,422	158,973	2,621	1,378	2	
Unknown WIP													
Total	2,970,835	2,438,328	1,639,564	18,778	15,695	0	2,099,931	1,723,528	1,158,924	19,108	10,044	11	

Exhibit 3: Index of Landfills in Texas

Category Landfill Name WIP Landfill LEG Collected LEG Status of											
Category	Landfill Name		WIP		Landfill	LFG Collected	LFG	Status of LFGTE			
		<2.5 million tons	2.5 to 4 million tons	>4 million tons	Operating in 1998		Utilization Project	Project			
Current	City of Brownwood Landfill				✓		✓	Operational			
Current	City of Dallas/McCommas Bluff LF			✓	✓	✓		Construction			
Current	Dallas-Fort Worth LF			V	✓	✓	✓	Operational			
Current	Elliot LF			V	✓		✓	Operational			
Current	Garbage Gobbler/Covel Gardens LF		✓		✓			Construction			
Current	McCarty Road LF			V	✓	✓	✓	Operational			
Current	Sunset Farms-Austin LF		✓		✓		✓	Operational			
Candidate	Abilene Regional LF			✓	✓			Unknown			
Candidate	Amarillo LF			✓	✓			Unknown			
Candidate	Austin Community LF			✓	✓			Unknown			
Candidate	Beaumont LF	✓			✓			Unknown			
Candidate	Beaumont Municipal LF	✓			✓			Unknown			
Candidate	BFILF	✓			✓			Unknown			
Candidate	Blue Ridge LF	✓			✓			Unknown			
Candidate	Brazoria County Disposal LF		✓		✓			Unknown			
Candidate	Brazos Valley Swma	✓			✓			Unknown			
Candidate	Castle Drive Landfill		✓		✓			Planned			
Candidate	City of Arlington LF			✓	✓			Planned			
Candidate	City of Conroe LF		✓		✓			Unknown			
Candidate	City of Conroe LF/Western Waste (B)	✓						Unknown			
Candidate	City Of Denton	✓			✓			Unknown			
Candidate	City of Farmers Branch LF			V	✓			Unknown			
Candidate	City of Fort Worth LF/Southeast			✓	✓			Unknown			
Candidate	City of Grand Prairie LF			✓	✓			Unknown			
Candidate	City Of Irving	✓			✓			Unknown			
Candidate	City of Laredo LF		✓		✓			Potential			
Candidate	City of Lubbock LF	✓			✓			Unknown			
Candidate	City Of Lubbock LF	✓			✓			Unknown			
Candidate	City of McKinney LF	✓			✓			Unknown			
Candidate	City Of Midland LF		✓		✓			Unknown			
Candidate	City Of Nacogdoches	✓			✓			Unknown			
Candidate	City Of Pampa MSW LF	✓						Unknown			
Candidate	City Of Port Arthur	✓			✓			Unknown			
Candidate	City Of Sweetwater LF	✓			✓			Unknown			
Candidate	City Of Victoria			✓	✓			Unknown			
Candidate	City of Waco LF #1 LF	✓			✓			Planned			
Candidate	City Of Weatherford LF	✓			✓			Unknown			
Candidate	Clint LF			V	✓			Unknown			
Candidate	CNT Regional LF		✓		✓			Unknown			

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Exhibit 3: Index of Landfills in Texas

Category Landfill Name WIP Landfill LFG Collected LFG Status of LFGTE												
Category	Landfill Name		WIP		Landfill	LFG Collected	LFG	Status of LFGTE				
		<2.5 million tons	2.5 to 4 million tons	>4 million tons	Operating in 1998		Utilization Project	Project				
Candidate	Colorado City Landfill	✓			✓			Unknown				
Candidate	CSC Disposal LF		✓		✓			Unknown				
Candidate	Fort Worth Regional LF		✓		✓			Unknown				
Candidate	Galveston County LF			✓	✓			Unknown				
Candidate	Greenville Landfill	✓						Unknown				
Candidate	Greenwood Farms	✓			✓			Unknown				
Candidate	Johnson County SLF	✓			✓			Potential				
Candidate	Laidlaw Environmental SLF			✓				Unknown				
Candidate	Mesquite Sanitary Landfill			✓	✓			Potential				
Candidate	North Texas Waste/Maxwell Creek LF			✓	✓			Unknown				
Candidate	Pine Hill LF			✓	✓			Potential				
Candidate	Royal Oaks	✓			✓			Potential				
Candidate	Sanifill Of Texas-Baytown LF			✓	✓			Unknown				
Candidate	Skyline LF			✓	✓			Unknown				
Candidate	Southwest LF		✓		✓			Unknown				
Candidate	Sprint Fort Bend County LF	✓			✓			Unknown				
Candidate	Sprint LF	✓			✓			Unknown				
Candidate	Tescacita RDF			✓	✓			Unknown				
Candidate	Tessman Road LF			✓	✓			Unknown				
Candidate	Texas Disposal Systems LF	✓			✓			Unknown				
Candidate	Tricil Environmental Response/Altar SL	✓			✓			Unknown				
Candidate	Whispering Pines LF			✓	✓			Unknown				
Candidate	Wichita Falls SLF		✓		✓			Unknown				
Candidate	WMI/Atascocita LF	✓			✓			Unknown				
Candidate	WMI/E & D Waste Systems Inc. LF	✓			✓			Unknown				
Other	Bell County/Sparks LF	✓			✓			Unknown				
Other	BFI/Quail Canyon LF	✓						Unknown				
Other	City Of Austin			V	✓			Unknown				
Other	City Of Cleburne	✓			✓			Unknown				
Other	City of Conroe LF/Western Waste (C)	✓			✓			Unknown				
Other	City of Conroe LF/Western Waste (D)	✓			✓			Unknown				
Other	City of Corsicanna LF	✓			✓			Unknown				
Other	City of Irving LF	✓						Unknown				
Other	City of Pampa LF	✓			✓			Unknown				
Other	City Of Perryton	✓			✓			Unknown				
Other	City of Richardson LF		✓		✓			Unknown				
Other	Coastal Plains LF		✓		✓			Unknown				
Other	Comal County LF		✓		✓			Unknown				
Other	Ellis County LF	✓			✓			Unknown				

Exhibit 3: Index of Landfills in Texas

Category	Landfill Name		WIP		Landfill	LFG Collected	LFG	Status of LFGTE
		<2.5 million tons	2.5 to 4 million tons	>4 million tons	Operating in 1998		Utilization Project	Project
Other	Hillside Landfill	✓			~			Unknown
Other	Lacy-Lakeview LF	✓			✓			Unknown
Other	Laidlaw/Wilmer LF	✓			✓			Unknown
Other	McCombs LF		~		✓			Unknown
Other	Sanifill/Crow LF	✓			✓			Unknown
Other	Waste Management Of Texas, Incg	✓			✓			Unknown
Other	Williamson County	✓			✓			Unknown
Other	Williamson County LF	✓			✓			Unknown
Other	WMI/Cut-N-Shoot/Security LF, Inc.	✓			✓			Unknown
Unknown WIP	Best Pak Disposal Inc. LF							Unknown
Unknown WIP	BFI/Tessman Road LF							Unknown
Unknown WIP	Bluebonnet LF							Unknown
Unknown WIP	City of Austin (II) LF							Unknown
Unknown WIP	City of Austin LF							Unknown
Unknown WIP	City of Midland LF							Unknown
Unknown WIP	City of Waco LF #2							Unknown
Unknown WIP	City of Wichita Falls LF							Unknown
Unknown WIP	Galveston LF							Unknown
Unknown WIP	Green Hill Farms LF							Unknown
Unknown WIP	Hazelwood Enterprises, Inc. LF							Unknown
Unknown WIP	Steinar LF							Unknown
Unknown WIP	Westside Sanitary LF							Unknown
Unknown WIP	Wichita Falls LF							Unknown

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			Abilene Regional	LF		Landfill Cat	egory: Candidate
		A. G	ENERAL LANDFILL IN	FORMAT	ION		
Landfill Owner:	BFI		An	nual Accept	tance Rate (to	ons):	200,000
Landfill Owner Type:	Private		Ye	ar Annual A	Acceptance R	ate Reported:	1998
Alternative Landfill N	lame:		De	sign Capaci	ty (tons):		15,446,087
City:	Abilene	e	Ac	res Currentl	y Landfilled	(acres):	368
County:	Jones		Av	erage Depth	n (feet):		90
State:	TX		19	98 Waste-ir	n-Place (tons)):	7,020,000
Year Open:	1982		199	98 Waste-in	-Place (tons)	:	7,020,000
Year Closed:	2067						
]	B. LANDFILL GAS COL	LECTION			
Estimated Methane G	eneration (mmsc	f/d):		2.21			
LFG Collection Syste	m Status:						
Current LFG Collecte	d (mmscf/d):						
Collection and Treatm	nent System Requ			No			
			C. LANDFILL GAS UTII	LIZATION			
Current Utilization:							
Utilization Syste	m Status:	Unknown					
Utilization Syste	m Type:	Unknown					
Utilization Syste	m Start Year:						
Electric Utility P	rovider(s):						
Natural Gas Prov	vider(s):						
Energy Purchase	r(s):						
G :		El	· C · · · · · · · · · · · · · · · · · ·		ND.	D: (II D : (/	D. 4.
Capacity:		Electrici	ty Generation Project (MW		OR T	Direct Use Project (mn	
Estimated Potent				7			69
Current Capacity							
Planned Capacity	/ :						
Utilities in County:		Midwest Ele	ectric Coop Inc; Stamford E	Electric Coo	p Inc; Taylor	Electric Coop Inc; Wes	st Texas Utilitie
•			RONMENTAL BENEFIT			•	
		2,21,12	Poter			C	-m+
 Methane Reduction (to	ong (ym).		Foter	ши	12 709	Curre	0
CO2 Equivalent of CI				,	12,798 268,754		0
CO2 Equivalent of CF	14 Reauction (to	ns/yr):			208,734		0
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity Genera	ation Projec	rt	Direct Use	Project
			CO2 (tons/yr)	SO2 (tor	ıs/yr)	CO2 (tons/yr)	SO2 (tons/yr)
		Coal:	54,460		344	38,539	351
			·				
		Fuel Oil:	44,698		288	31,631	184
	N	atural Gas:	30,056		0	21,269	0
			E. CONTACT INFORM	MATION			
		Landfill	Owner			Landfill Operator	
Contact Name:	John Bean, En	ergy Manager		Mark	Severtson		
Mailing Address:	757 N. Eldridg			DO D.	ox 3151		
wannig Address:	P.O. Box 3151			POB	JA 3131		
Phone Number:	281-870-7801			972-2	25-0952		
Fax Number:							

* Itallicized indicates values estimated by EPA.

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			Amarillo LF			Landfill Category	: Candidate
		A. G	ENERAL LANDFILL INFO	RMATIO)N	Lanajiii Caiegory	Candidate
1 10110	G: C						200.766
Landfill Owner:		Amarillo		-	nce Rate (tons):	1	208,566
Landfill Owner Type:	Public				ceptance Rate Rep	orted:	1998
Alternative Landfill Na				n Capacity			660
City:	Amarill	lo		-	Landfilled (acres):		660
County:	Potter			ge Depth (f			60
State:	TX				Place (tons):		6,132,600
Year Open:	1976		1998	Waste-in-Pi	lace (tons):		6,132,600
Year Closed:	2050		B. LANDFILL GAS COLLE	CTION			
Estimated Methane Ge	_	f/d):	1	1.99			
LFG Collection System							
Current LFG Collected							
Collection and Treatme	ent System Requ			Yes			
			C. LANDFILL GAS UTILIZ	ZATION			
Current Utilization:							
Utilization System	n Status:	Unknown					
Utilization System	n Type:	Unknown					
Utilization System	n Start Year:						
Electric Utility Pr	ovider(s):						
Natural Gas Provi							
Energy Purchaser	* *						
Capacity:		Electrici	ty Generation Project (MW)	OR	Direct	Use Project (mmBtu/ł	nr)
Estimated Potenti	ial Capacity:			6			62
Current Capacity:							
Planned Capacity	:						
Utilities in County:							
Cultures in County.		D. ENITHE			Z A FOXON		
		D. ENVIE	RONMENTAL BENEFITS (OF UTILIZ	ZATION		
			Potentia	l		Current	
Methane Reduction (to	ons/yr):			11	1,486		0
CO2 Equivalent of CH	4 Reduction (tor	ns/yr):		241	1,196		0
Г	E '1E 1D'	1 .	FI C C	D : .		D' (II D '	,
Emissions Avoided by	Fossii Fuei Disp	olacement:	Electricity Generation			Direct Use Project	
			CO2 (tons/yr)	SO2 (tons/	(yr)		O2 (tons/yr)
		Coal:	48,935	3	309	34,587	315
		Fuel Oil:	40,164	2	259	28,387	165
	N	atural Gas:	27,007		0	19,088	0
			E. CONTACT INFORMA	TION			
		Landfill			Land	fill Operator	
Contact Name:	Michael D. Ke	nnedy Director	of Public Works	Michael		ctor of Public Works	
		•	or radic works		•	tion of Lubile Works	
Mailing Address:	P.O. Box 1971			P.O. Box	x 1971		
Phone Number:	806-378-3024			806-378	3-3024		
Fax Number:							

^{*} Itallicized indicates values estimated by EPA.

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			Austin (Community	LF		Landfill Catego	ry: Candidate
		A. G	ENERAL LANI	-		ION	, , , , , , , , , , , , , , , , , , ,	,
Landfill Owner:	Texas V	Waste Systems I				otance Rate (tons):	425,012
Landfill Owner Type:	Private			Yea	r Annual A	Acceptance I	Rate Reported:	1998
Alternative Landfill N	ame:			Des	ign Capac	ity (tons):		7,500,000
City:	Austin			Acr	es Current	ly Landfilled	d (acres):	290
County:	Travis			Ave	erage Dept	h (feet):		80
State:	TX			199	98 Waste-i	n-Place (tons	s):	8,080,500
Year Open:	1977			199	8 Waste-in	n-Place (tons	·):	8,080,500
Year Closed:	2001							
		l	B. LANDFILL (GAS COLI	LECTION	1		
Estimated Methane Ge	eneration (mmsc	f/d):			2.48			
LFG Collection System	n Status:							
Current LFG Collected	d (mmscf/d):							
Collection and Treatm	ent System Requ	uired Under NSF	PS/EG:		No			
			C. LANDFILL (GAS UTII	IZATION	V		
Current Utilization:								
Utilization Syster	n Status:	Unknown						
Utilization Syster	n Type:	Unknown						
Utilization Syster	n Start Year:							
Electric Utility Pr	ovider(s):							
Natural Gas Prov	ider(s):							
Energy Purchaser	r(s):							
Capacity:		Electrici	ty Generation Pro	oject (MW) (OR	Direct Use Project (mmBt	ı/hr)
Estimated Potent	ial Capacity:				8			78
Current Capacity:					Ü			, 0
Planned Capacity								
Utilities in County:		Austin Elect	ric Dept; Bluebo	nnet Electr	ic Coop In	ic; Fayette E	lectric Coop Inc; Pedernales	Electric Co
		D. ENVII	RONMENTAL I	BENEFIT	S OF UTI	LIZATION		
				Poten	tial		Current	
Methane Reduction (to	ons/yr):					14,366		0
CO2 Equivalent of CH	14 Reduction (to	ns/yr):				301,686		0
Emissions Avoided by	Famil Fuel Diag	.1.0.000.0004.	El a atri a	itu Canana	tion Duois	24	Dinast Usa Pua	
Emissions Avoiaea by	rossii ruei Disp	насетепт:		ity Genera	=		Direct Use Pro	
			CO2 (ton		SO2 (to	-		SO2 (tons/yr)
		Coal:	6	1,564		389	43,261	394
		Fuel Oil:	5	0,529		325	35,507	207
	N	atural Gas:	3	3,976		0	23,875	0
			E. CONTACT	INFORM	IATION			
		Landfill		11 (1 0 11)			Landfill Operator	
Contact Name:					Rusty	/ Fusilier	•	
Mailing Address:	1320 Greenwa	v Drive			1320	Greenway D)rive	
maning radicos.	Suite 900	, 51110			Suite	-		
Phone Number:								
	214-550-1774				512-2	272-6221		
Fax Number:								

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					1011.0	
		A C'	BFI LF ENERAL LANDFILL INF	ODMATION	Landfill Categor	y: Candidate
Landfill Owner:		reet Salvage Cor	* *	al Acceptance Rate		186,472
Landfill Owner Type:	Private			Annual Acceptance	Rate Reported:	1994
Alternative Landfill Na				gn Capacity (tons):	1 ().	
City:	Abilene			S Currently Landfille	d (acres):	
County: State:	Taylor TX			age Depth (feet): e-in-Place (tons):		745 000
Year Open:	17 1993			e-m-Place (tons): Waste-in-Place (ton	a).	745,888 1,118,832
Year Closed:	2001		1990	wasie-in-Piace (ion	8):	1,110,032
Teal Closed.	2001	1	B. LANDFILL GAS COLL	ECTION		
Estimated Mathematica						
Estimated Methane Ge		√a):		0.70		
LFG Collection System Current LFG Collected						
Collection and Treatme		ired Under NSE	98/FG•	No		
Conection and Treatm	ent System Requ		C. LANDFILL GAS UTILI			
Current Utilization:			0.10 0112			
Utilization System	n Status:	Unknown				
Utilization System		Unknown				
Utilization System		Ulikilowii				
Electric Utility Pr						
Natural Gas Provi						
Energy Purchaser	* *					
Energy 1 drendser	(5).					
Capacity:		Electrici	ty Generation Project (MW)	OR	Direct Use Project (mmBtu	/hr)
Estimated Potenti	al Capacity:			2		22
Current Capacity:						
Planned Capacity	:					
Utilities in County:		Taylor Elect	ric Coop Inc; West Texas Ut	lities Company; We	stern Area Power Admin	
		D. ENVIE	RONMENTAL BENEFITS	OF UTILIZATION	N	
			Potenti	al	Current	
Methane Reduction (to	ons/yr):			4,071		0
CO2 Equivalent of CH	4 Reduction (to	ns/yr):		85,495		0
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity Generati	· ·	Direct Use Proj	I
			CO2 (tons/yr)	SO2 (tons/yr)		SO2 (tons/yr)
		Coal:	17,364	110	12,260	112
		Fuel Oil:	14,252	92	10,062	59
	N	atural Gas:	9,583	0	6,766	0
			E. CONTACT INFORMA	ATION		
		Landfill	Owner		Landfill Operator	
Contact Name:						
Mailing Address:	3833 Pine Stre	et		3833 Pine Street		
	P.O. Box 3543			P.O. Box 3543		
Phone Number:				915-677-8831		
Fax Number:						
1 az 1 tullioci.						



			Beaumont L	F		Landfill Categor	v: Candidate
		A. G	ENERAL LANDFILL I	NFORMAT	ION		
Landfill Owner:	BFI		A	nnual Accep	tance Rate (t	ons):	319,746
Landfill Owner Type:	Private		Y	ear Annual A	Acceptance R	Rate Reported:	1998
Alternative Landfill N	ame:		D	esign Capaci	ity (tons):		
City:	Beaumo	ont	A	cres Current	ly Landfilled	(acres):	235
County:	Jefferso	on	A	verage Deptl	h (feet):		
State:	TX		1	998 Waste-i	n-Place (tons):	1,123,882
Year Open:	1991		1	998 Waste-in	-Place (tons)):	1,123,882
Year Closed:	2001	T	LANDELL CACCO	LIECTION	r		
			B. LANDFILL GAS CO				
Estimated Methane G	-	f/d):		0.71			
LFG Collection System							
Current LFG Collected	` ,	· III I NOT	M. F.C	N			
Collection and Treatm	ent System Requ		S/EG: C. LANDFILL GAS UT	No ILIZATION	J		
Current Utilization:			C. LANDFILL GAS CI	ILIZATIOI	•		
Utilization System	n Status:	Unknown					
Utilization System		Unknown					
Utilization System		Clikilowii					
Electric Utility P							
Natural Gas Prov							
Energy Purchaser	* *						
	.(0)-						
Capacity:		Electrici	ty Generation Project (M	W) (OR T	Direct Use Project (mmBtu/	hr)
Estimated Potent				2			22
Current Capacity							
Planned Capacity	:						
Utilities in County:		Central Pow	er & Light Company; Die	kens Electric	c Coop Inc; I	Houston County Elec Coop Ir	ıc; Housto
		D. ENVIR	RONMENTAL BENEFI	TS OF UTI	LIZATION		
			Pot	ential		Current	
Methane Reduction (to	ons/yr):				4,079		0
CO2 Equivalent of CH	14 Reduction (tor	ns/yr):			85,651		0
Emissions Avoided by	Fossil Fuel Disc	ala a am anti	Electricity Gene	nation Duoise	24	Direct Use Proje	at .
Emissions Avoided by	rossii ruei Disp	насетені.	CO2 (tons/yr)	SO2 (toi			SO2 (tons/yr)
			· · · · · · · · · · · · · · · · · · ·	302 (10)			
		Coal:	17,364		110	12,282	112
		Fuel Oil:	14,252		92	10,081	59
	N	atural Gas:	9,583		0	6,778	0
			E. CONTACT INFOR	RMATION			
		Landfill (Owner			Landfill Operator	
Contact Name:	Dennis Bolling	ger, Energy Mana	ager	Rick	Coon		
Mailing Address:	757 N. Eldridg	e		6433	Labelle Road	d	
	P.O. Box 3151				-		
Phone Number:	281-870-7801			713-6	575-6101		
Fax Number:	201 070-7001			/13-0	.,5 0101		
rax mulliber:							
* Itallicized indicates v	values estimated	by EPA.	Dec	ember 5, 199	98	State: TX Pag	ge: 5

^{*} Itallicized indicates values estimated by EPA.

Beaumont Municipal LF Landfill Category: Candidate A. GENERAL LANDFILL INFORMATION Landfill Owner: Jefferson County Annual Acceptance Rate (tons): 123,634 Landfill Owner Type: Public Year Annual Acceptance Rate Reported: 1998 Alternative Landfill Name: City of Beaumont LF Design Capacity (tons): City: Beaumont Acres Currently Landfilled (acres): County: Jefferson Average Depth (feet): State: TX1998 Waste-in-Place (tons): 2,251,245 1998 Waste-in-Place (tons): Year Open: 1981 2,251,245 Year Closed: 2041 **B. LANDFILL GAS COLLECTION** 0.99 Estimated Methane Generation (mmscf/d): LFG Collection System Status: Current LFG Collected (mmscf/d): Collection and Treatment System Required Under NSPS/EG: No C. LANDFILL GAS UTILIZATION Current Utilization: **Utilization System Status:** Unknown Utilization System Type: Unknown Utilization System Start Year: Electric Utility Provider(s): Natural Gas Provider(s): Energy Purchaser(s): Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr) Estimated Potential Capacity: 3 31 Current Capacity: Planned Capacity:

Gulf States Utilities Company; Southwestern Power Admin Utilities in County:

D. ENVIRONMENTAL BENEFITS OF UTILIZATION Potential Current Methane Reduction (tons/yr): 5,746 0 CO2 Equivalent of CH4 Reduction (tons/yr): 120,662 0 Emissions Avoided by Fossil Fuel Displacement: Electricity Generation Project Direct Use Project CO2 (tons/yr) SO2 (tons/yr) CO2 (tons/yr) SO2 (tons/yr) Coal: 24,468 155 17,303 157 Fuel Oil: 20,082 129 14,201 83 Natural Gas: 13,503 0 9,549 0 E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	John Labrie	John R Labrie
Mailing Address:	P.O. Box 3827 City Hall	P.O. Box 3827 City Hall
Phone Number: Fax Number:	409-880-3795	409-842-1483

^{*} Itallicized indicates values estimated by EPA. December 5, 1998 State: TX Page: 6



			Blue Ridge	LF		Landfill Cate	gory:	Candidate
		A. G	ENERAL LANDFILL		ION	Zamayin Care	80.7.	
Landfill Owner:	BFI				tance Rate (to	ne)·		837,778
Landfill Owner Type:	Private			-	ance Rate (to)			1998
Alternative Landfill N				Design Capaci	-	ic Reported.		1776
City:	anne. Houston	n			y Landfilled (noras):		330
_	Fort Be				-	actes).		
County:		na		Average Depth				36
State:	TX				n-Place (tons):			1,910,676
Year Open:	1993		1	998 Waste-ın	-Place (tons):			1,910,676
Year Closed:	2025	,	B. LANDFILL GAS CO	I I ECTION				
			b. LANDFILL GAS CC					
Estimated Methane Ge	· -	f/d):		0.91				
LFG Collection Syster								
Current LFG Collected								
Collection and Treatm	ent System Requ			No				
			C. LANDFILL GAS UT	TILIZATION				
Current Utilization:								
Utilization Syster	n Status:	Unknown						
Utilization Syster	n Type:	Unknown						
Utilization Syster	n Start Year:							
Electric Utility Pr								
Natural Gas Prov								
Energy Purchaser								
Energy Turemuser	(5).							
Capacity:		Electrici	ty Generation Project (M	(W)	DR I	Direct Use Project (mm	Btu/hr	.)
Estimated Potenti	ial Capacity:			3				28
Current Capacity:	:							
Planned Capacity								
Utilities in County:								
		D. ENVII	RONMENTAL BENEF	ITS OF UTII	LIZATION			
			Po	tential		Curre	nt	
Methane Reduction (to	ons/yr):				5,242			0
CO2 Equivalent of CH	14 Reduction (to	ns/yr):			110,084			0
-	-							
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity Gene	eration Projec	rt	Direct Use F	Project	
			CO2 (tons/yr)	SO2 (to	is/yr)	CO2 (tons/yr)	SO	2 (tons/yr)
		Coal:	22,100		140	15,786		144
		Fuel Oil:	18,139		117	12,956		76
	N	atural Gas:	12,197		0	8,712		0
	- 1		E. CONTACT INFO	DMATION				
		Landfill		KWIATION		Landfill Operator		
Contact Name:	John Doon	Landini	Owner	Diaha	nd Coon	Landini Operator		
	John Bean			Kicha	rd Coon			
Mailing Address:	757 N. Eldridg	e						
	PO Box 3151							
Phone Number:	281-870-7450			281-8	35-6142			
Fax Number:								
_ 311 (0111001)								

^{*} Itallicized indicates values estimated by EPA.

Brazoria County Disposal LF Landfill Category: Candidate A. GENERAL LANDFILL INFORMATION Landfill Owner: USA Waste Services Inc Annual Acceptance Rate (tons): 100,100 Landfill Owner Type: Private Year Annual Acceptance Rate Reported: 1994 Alternative Landfill Name: Design Capacity (tons): City: Angleton Acres Currently Landfilled (acres): County: Brazoria Average Depth (feet): State: TX1998 Waste-in-Place (tons): 3,919,000 1993 Year Open: 1998 Waste-in-Place (tons): 3,919,000 Year Closed: 2050 **B. LANDFILL GAS COLLECTION** Estimated Methane Generation (mmscf/d): 1 42 LFG Collection System Status: Current LFG Collected (mmscf/d): Collection and Treatment System Required Under NSPS/EG: Yes C. LANDFILL GAS UTILIZATION Current Utilization: **Utilization System Status:** Unknown Utilization System Type: Unknown Utilization System Start Year: Electric Utility Provider(s): Natural Gas Provider(s): Energy Purchaser(s): Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr) Estimated Potential Capacity: 4 44 Current Capacity: Planned Capacity: Houston Lighting & Power Co; Jackson Electric Coop Inc; Southwestern Power Admin; Texas-New M Utilities in County: D. ENVIRONMENTAL BENEFITS OF UTILIZATION Potential Current Methane Reduction (tons/yr): 8,212 0

CO2 Equivalent of CH4 Reduction (tons/yr): 172,452 0 Emissions Avoided by Fossil Fuel Displacement: Electricity Generation Project Direct Use Project CO2 (tons/yr) SO2 (tons/yr) CO2 (tons/yr) SO2 (tons/yr) Coal: 34,728 220 24,729 225 Fuel Oil: 28,503 184 20,297 118 Natural Gas: 0 0 19,166 13,648 E. CONTACT INFORMATION

Contact Name:	Tammy Countryman	Mike Derdeyn
	. , ,	
Mailing Address:	13430 NW Freeway	10013 Koenig Street
		Suite 4000
DI NI I		
Phone Number:	713-922-0012	409-265-2252

Landfill Operator

Phone Number: 713-922-0012 409-265-2252
Fax Number:

Landfill Owner

* Itallicized indicates values estimated by EPA. December 5, 1998 State: TX Page: 8



Brazos Valley Swma Landfill Category: Candidate A. GENERAL LANDFILL INFORMATION Landfill Owner: Brazos Valley SWMA Annual Acceptance Rate (tons): 178,000 Landfill Owner Type: Public Year Annual Acceptance Rate Reported: 1998 Alternative Landfill Name: Design Capacity (tons): City: Brian & College Station Acres Currently Landfilled (acres): 70 County: Brazos Average Depth (feet): 30 State: TX1998 Waste-in-Place (tons): 1,980,000 Year Open: 1981 1998 Waste-in-Place (tons): 1,980,000 Year Closed: 2005 **B. LANDFILL GAS COLLECTION** 0.92 Estimated Methane Generation (mmscf/d): LFG Collection System Status: Current LFG Collected (mmscf/d): Collection and Treatment System Required Under NSPS/EG: No C. LANDFILL GAS UTILIZATION Current Utilization: **Utilization System Status:** Unknown Unknown Utilization System Type: Utilization System Start Year: Electric Utility Provider(s): College Station Municipal Electric Natural Gas Provider(s): Energy Purchaser(s): College Station Municipal Electric Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr) Estimated Potential Capacity: 3 29 Current Capacity: Planned Capacity:

D. ENVIRONMENTAL BENEFITS OF UTILIZATION								
	Potential Current							
Methane Reduction (tons/yr):		5,345						
CO2 Equivalent of CH4 Reduction (tons/yr):		112,237						
Emissions Avoided by Fossil Fuel Displacement:	Electricity Gener	ation Project	Direct Use Project					
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)				
Coal:	22,889	145	16,095	146				
Fuel Oil:	18,786	121	13,210	77				
Natural Gas:	12,632	0	8,882	0				
	E. CONTACT INFOR	MATION						
I andfill (Owner		Landfill Operator					

Landfill Owner		Landfill Operator	
Contact Name:	Bill Angelo	Bill Angelo	
Mailing Address:	PO Box 9960 College Station, TX 77842	PO Box 9960	
Phone Number:	409-764-3806	409-764-3806	
Fax Number:			

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^{*} Itallicized indicates values estimated by EPA.

		CNT Regional LF		Landfill Category:	Candidate
	A. (GENERAL LANDFILL INFORM	MATION		
Landfill Owner:	R.E. Wolfe Enterprise	es Annual A	cceptance Rate	(tons):	170,791
Landfill Owner Type:	Private	Year Ann	ual Acceptance	Rate Reported:	1998
Alternative Landfill Name:	R.E. Wolfe	Design Ca	apacity (tons):		
City:	Linn	Acres Cur	rrently Landfille	ed (acres):	94
County:	Hidalgo	Average I	Depth (feet):		25
State:	TX	1998 Wa	ste-in-Place (tor	ns):	2,519,400
Year Open:	1976	1998 Was	te-in-Place (ton	s):	2,519,400
Year Closed:	2004				
		B. LANDFILL GAS COLLECT	ION		
Estimated Methane Generation	on (mmscf/d):	1.06			
LFG Collection System Statu	- · · · · · · · · · · · · · · · · · · ·				
Current LFG Collected (mms					
Collection and Treatment Sys	stem Required Under NS	SPS/EG: Yes			
	-	C. LANDFILL GAS UTILIZAT	TION		
Current Utilization:					
Utilization System Statu	s: Unknown				
Utilization System Type					
Utilization System Start					
Electric Utility Provider					
Natural Gas Provider(s):					
Energy Purchaser(s):	•				
Zheigj i dienasei(s)i					
Capacity:	Electric	city Generation Project (MW)	OR	Direct Use Project (mmBtu/h	r)
Estimated Potential Cap	pacity:	3			33
Current Capacity:					
Planned Capacity:					
Utilities in County:					
•	D ENV	IRONMENTAL BENEFITS OF	ITILIZATION	J	
	D. EIV	I	CILLENTION		
Mar Daniel (Control		Potential	6112	Current	-
Methane Reduction (tons/yr):			6,142		0
CO2 Equivalent of CH4 Redu	iction (tons/yr):		128,988		0
Emissions Avoided by Fossil	Fuel Displacement:	Electricity Generation P	roject	Direct Use Projec	rt

Utilities :	in (County:
--------------------	------	---------

D. ENVIRONMENTAL BENEFITS OF UTILIZATION								
	Pote	ential	Current					
Methane Reduction (tons/yr):		6,142		0				
CO2 Equivalent of CH4 Reduction (tons/yr):		128,988						
Emissions Avoided by Fossil Fuel Displacement:	Electricity Gener	ration Project	Direct Use Project					
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)				
Coal:	26,046	165	18,497	168				
Fuel Oil:	21,378	138	15,181	89				
Natural Gas:	14,375	0	10,208	0				
	E. CONTACT INFOR	MATION						

	Landfill Owner	Landfill Operator
Contact Name:	Bobby Vickery, Environmental Manager	Santiago Morado, Site Manager
Mailing Address:	PO Box 236	PO Box 316
Phone Number: Fax Number:	800-256-9278	956-383-7398

^{*} Itallicized indicates values estimated by EPA.

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CSC Disposal LF Landfill Category: Candidate A. GENERAL LANDFILL INFORMATION Landfill Owner: CSC Disposal & Landfill Inc. Annual Acceptance Rate (tons): 87,944 Landfill Owner Type: 1998 Private Year Annual Acceptance Rate Reported: Alternative Landfill Name: Design Capacity (tons): City: Avalon Acres Currently Landfilled (acres): County: Ellis Average Depth (feet): State: TXWaste-in-Place (tons): 4,254,250 Year Open: 1985 1998 Waste-in-Place (tons): 3,503,500 Year Closed: 2047 **B. LANDFILL GAS COLLECTION** Estimated Methane Generation (mmscf/d): 1.31 LFG Collection System Status: Current LFG Collected (mmscf/d): Collection and Treatment System Required Under NSPS/EG: Yes C. LANDFILL GAS UTILIZATION Current Utilization: **Utilization System Status:** Unknown Unknown Utilization System Type: Utilization System Start Year: Electric Utility Provider(s): Natural Gas Provider(s): Energy Purchaser(s): Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr) Estimated Potential Capacity: 4 41 **Current Capacity:** Planned Capacity: Utilities in County: Hill County Electric Coop; Johnson County Elec Coop Assn; Navarro County Elec Coop Inc; Southwe D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	Pote	ntial	Current		
Methane Reduction (tons/yr):		7,598		0	
CO2 Equivalent of CH4 Reduction (tons/yr):		159,550		0	
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project		
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)	
Coal:	32,360	205	22,879	208	
Fuel Oil:	26,560	171	18,778	109	
Natural Gas:	17,859	0	12,627	0	

E. CONTACT INFORMATION

Landfill Owner

		1
Contact Name:	Raymond Mcgraw	Raymond Mcgraw
Mailing Address:	P.O. Box 236	P.O. Box 236
Phone Number: Fax Number:	972-627-3413	800-256-9278

^{*} Itallicized indicates values estimated by EPA.

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Landfill Operator

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			Castle Drive L	andfill		Landfill Ca	tegory:	Candidate
		A. G	ENERAL LANDFILL		ATION	<u> </u>		Cundidate
Landfill Owner:	City of	Garland		Annual Acc	ceptance Rate (ítons):		300,000
Landfill Owner Type:	Public	Guriana			-	Rate Reported:		1998
Alternative Landfill N		d Landfill			acity (tons):	Ture Troportou.		1,,0
City:	Garland				ently Landfille	d (acres):		153
County:	Dallas			Average De	-	- ()-		50
State:	TX			_	e-in-Place (ton	s):		3,858,050
Year Open:	1978			1998 Waste	-in-Place (tons	s):		3,858,050
Year Closed:	2002				,			
]	B. LANDFILL GAS CO	OLLECTION	ON			
Estimated Methane Ge	eneration (mmsc	f/d):		1.40				
LFG Collection System	n Status:							
Current LFG Collected	d (mmscf/d):							
Collection and Treatment System Required Under NSPS/EG: No								
			C. LANDFILL GAS U	TILIZATI	ON			
Current Utilization:								
Utilization Syster	n Status:	Planned						
Utilization System Type: Medium Btu								
Utilization System Start Year: 1998								
Electric Utility Pr	Electric Utility Provider(s):							
Natural Gas Provider(s):								
Energy Purchaser	r(s):	City of Garla	and WWTP					
Capacity:		Electrici	ty Generation Project (M	MW)	OR	Direct Use Project (mr	mBtu/hr	:)
Estimated Potenti	ial Capacity:			4				44
Current Capacity								
Planned Capacity								
Utilities in County:		Denton Cou	nty Elec Coop Inc; FEC	Electric Co	operative; Gar	land Power & Light Sys	tem; Hi	ll Count
		D. ENVII	RONMENTAL BENEI	FITS OF U	TILIZATION			
			P	otential		Curr	ent	
 Methane Reduction (to	ne/vr):		10	лениш	8,122	Cuii	CIII	0
CO2 Equivalent of CH	= :	nchr):			170,560			0
CO2 Equivalent of CII		1137 yr).			170,500			
Emissions Avoided by	Fossil Fuel Disp	placement:	Electricity Generation Project		Direct Use	Direct Use Project		
			CO2 (tons/yr)	SO2	(tons/yr)	CO2 (tons/yr)	SO	02 (tons/yr)
		Coal:	34,728		220	24,458		223
		Fuel Oil:	28,503		184	20,074		117
	N	latural Gas:	19,166		0	13,498		0
			E. CONTACT INFO	RMATIO	N			
		Landfill	Owner			Landfill Operator		
Contact Name:	Brian Williams	S		Br	ian Williams			
Mailing Address:	3637 Castle Di	rive		36	37 Castle Drive	e.		
	P.O. Box 4690				Box 469002	-		
Phone Number:	972-205-2000	- -			2-496-1636			
Fax Number:	200 2000							
Tax Inullioel.								

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			City Of Dento	on		Landfill Cate	gory:	Candidate
		A. Gl	ENERAL LANDFILL IN		ON		J J •	
Landfill Owner:	City of	Denton	Δι	nnual Accept	ance Rate (to	ons):		103,016
Landfill Owner Type:	Public	Demon		-		ate Reported:		1998
Alternative Landfill N				esign Capaci	•	and responded.		1770
City:	Denton			cres Currentl	-	(acres):		152
County:	Denton			verage Depth	="	(deres).		132
State:	TX					١٠		2,000,000
Year Open:	1985			998 Waste-in				2,000,000
Year Closed:	2024		19	90 wasie-in	r iace (ions)			2,000,000
Teal Closed.	2024	F	B. LANDFILL GAS COI	LLECTION				
Estimated Methane Ge	maration (mmsc			0.93				
LFG Collection System		<i>j/u)</i> .		0.93				
Current LFG Collected								
	` '	wined Under NCD	OC/EC.	No				
Collection and Treatm	ent System Requ		S/EG: C. LANDFILL GAS UTI	No II IZATION				
		<u>'</u>	C. LANDFILL GAS UTI	LIZATION				
Current Utilization:								
Utilization Syster		Unknown						
Utilization Syster	• •	Unknown						
Utilization Syster								
Electric Utility Pr		City of Dent	on grid					
Natural Gas Prov	* *							
Energy Purchaser	c(s):	United Copp	er, WWTP, Peterbuilt, Int	ternati				
Capacity:		Electrici	ty Generation Project (MV	W) C	PR	Direct Use Project (mm	Btu/hr))
Estimated Potenti	ial Capacity:			3				29
Current Capacity:	:							
Planned Capacity	:							
Utilities in County:		Cooke Coun	ty Elec Coop Assn; Dento	on County Flo	ec Coon Inc:	Denton Mun Utilities: S	anger l	Electric
Othities in County.			RONMENTAL BENEFIT			Denton Wun Ctinites, 5	anger	Siccure
		D. ENVIR			IZATION			
			Pote	ential		Curre	nt	
Methane Reduction (to	- ·				5,374			0
CO2 Equivalent of CH	I4 Reduction (to	ns/yr):]	12,858			0
Emissions Avoided by	Fossil Fuel Disa	alacement:	Electricity Gener	ration Projec	t	Direct Use P	roject	
Linustions Avoided by	1 ossii 1 uei Disp	лисетені.	CO2 (tons/yr)	SO2 (ton	I	Direct Use Project CO2 (tons/yr) SO2 (ton		2 (tons/yr)
		G 1	•	502 (101)		· · · · · ·	502	
		Coal:	22,889		145	16,184		147
		Fuel Oil:	18,786		121	13,283		77
	N	atural Gas:	12,632		0	8,932		0
			E. CONTACT INFOR	MATION				
		Landfill (Owner			Landfill Operator		
Contact Name:	Charles Watkii	ns, Director of So	olid Waste	Mike	Fogel, Inspec	etor		
N. (-:1: A 1.1					-			
Mailing Address:	901A Texas St	•		51661	Foster Road			
DI N. I								
Phone Number:				940-3	49-7512			
Fax Number:								



			City Of Irvin	ıg		Landfill Categ	ory: Candid	late
		A. GI	ENERAL LANDFILL II		ON			
Landfill Owner:	City of	Irving	Λ	nnual Accent	ance Rate (to	ne).	75,00	20
Landfill Owner Type:	Public	II vilig		-			199	
Alternative Landfill N				Year Annual Acceptance Rate Reported: 199 Design Capacity (tons):				/6
City:	Irving				y (tons). y Landfilled (acres):	15	50
County:	Dallas			verage Depth	="	acres).		80
State:	TX				-Place (tons):		1,800,00	
	1981				Place (tons):			
Year Open: Year Closed:	2051		Ty	998 waste-in	·Piace (tons):		1,800,00	"
rear Closed:	2031	R	3. LANDFILL GAS CO	LLECTION				
E. M. J. C.	(E E E E E E E E E E E E E E E E E E E					
Estimated Methane Ge] /a):		0.88				
LFG Collection System								
Current LFG Collected		· III I NOD	0./E.C	3.7				
Collection and Treatm	ent System Requ			No				
		(C. LANDFILL GAS UT	ILIZATION				
Current Utilization:								
Utilization Syster		Unknown						
Utilization Syster	n Type:	Unknown						
Utilization Syster	n Start Year:							
Electric Utility Pr	rovider(s):	Texas Utilitie	es					
Natural Gas Prov	ider(s):	Lone Star Ga	ıs					
Energy Purchaser	r(s):	Trinity River	Authority WWTP Gas B	Burner				
Capacity:		Electricit	y Generation Project (MV	W) C	PR 1	Direct Use Project (mmB	tu/hr)	
Estimated Potent	ial Capacity:			3			27	
Current Capacity:	:							
Planned Capacity								
								-
Utilities in County:			nty Elec Coop Inc; FEC E			nd Power & Light System	; Hill Count	
		D. ENVIR	CONMENTAL BENEFI	TS OF UTII	LIZATION			
			Pote	ential		Curren		
Methane Reduction (to	ons/yr):				5,079			0
CO2 Equivalent of CH	14 Reduction (to	ns/yr):]	06,649			0
								-
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity Gener	ū		Direct Use Pr	=	
			CO2 (tons/yr)	SO2 (tor	s/yr)	CO2 (tons/yr)	SO2 (tons/y	r)
		Coal:	21,311		135	15,293	13	39
		Fuel Oil:	17,491		113	12,552	7	73
	N	latural Gas:	11,761		0	8,440		0
	- '		E. CONTACT INFOR	MATION				
		Landfill (WIATION		Landfill Operator		
Contact Name:	Mony Niv	- Landini (, when	Magy	NT:	Zunam operator		
	Mary Nix			Mary				
Mailing Address:	PO Box 15228	8		PO Bo	ox 152288			
Phone Number:	972-721-2346			972-7	21-2346			
Fax Number:								



			City Of Eu	bbock LF		Еапајін Са	tegory: Candidat	
		A. G	ENERAL LANDFI	LL INFORM	ATION			
Landfill Owner:	City of	Lubbock		Annual Ac	ceptance Rate	(tons):	323,488	
Landfill Owner Type:					-	Rate Reported:	1998	
Alternative Landfill N				Design Capacity (tons):				
City:	Lubboo	ck			ently Landfille	ed (acres):	360	
County:	Lubboo			Average D	-	(60	
State:	TX			-	te-in-Place (tor	16).	1,629,232	
Year Open:	1970		1998 Waste-in-Place (tons):			•	1,629,232	
Year Closed:	2000			1770 Wasie	e-in-1 iace (ion		1,027,232	
Tear Closed.	2000	,	B. LANDFILL GAS	COLLECTI	ON			
Estimated Mathematic			U 2111 (21 122 G11)		011			
Estimated Methane G		J/a):		0.83				
LFG Collection Syste								
Current LFG Collecte		. 111 1 2101		3.7				
Collection and Treatm	nent System Requ			No	ON			
			C. LANDFILL GAS	SUTILIZATI	.ON			
Current Utilization:								
Utilization Syste	m Status:	Unknown						
Utilization Syste	m Type:	Unknown						
Utilization Syste	m Start Year:							
Electric Utility P	Provider(s):	Lubbock Po	wer & Light					
Natural Gas Prov	vider(s):							
Energy Purchase	er(s):	Lubbock Po	wer & Light					
Compository		Elaatriai	ty Generation Projec	• (MW)	OR			
Capacity:							na D tax /law)	
T ' 1 D		Electrici	ty Generation Projec		UK	Direct Use Project (mi	mBtu/hr)	
	tial Capacity:	Dicettici	ty Generation Projec	3	OR	Direct Use Project (mi	mBtu/hr) 26	
Current Capacity	<i>7</i> :	Dieetirei	ty Generation Projec		OR	Direct Use Project (mi	<u> </u>	
	<i>7</i> :	Electrici	ty Generation Projec		OR	Direct Use Project (mi	<u> </u>	
Current Capacity Planned Capacity	<i>7</i> :	Executor	ty Generation Projec		OR	Direct Use Project (mi	<u> </u>	
Current Capacity	<i>7</i> :			3		-	<u> </u>	
Current Capacity Planned Capacity	<i>7</i> :		RONMENTAL BEN	3 NEFITS OF U		N	26	
Current Capacity Planned Capacity Utilities in County:	y:			3	TILIZATION	-	26	
Current Capacity Planned Capacity Utilities in County: Methane Reduction (t	v: y: ons/yr):	D. ENVII		3 NEFITS OF U	TILIZATION 4,826	N	26 rent	
Current Capacity Planned Capacity Utilities in County:	v: y: ons/yr):	D. ENVII		3 NEFITS OF U	TILIZATION	N	26	
Current Capacity Planned Capacity Utilities in County: Methane Reduction (t CO2 Equivalent of Cl	ons/yr):	D. ENVII	RONMENTAL BEN	NEFITS OF U	4,826 101,344	N Curi	rent 0	
Current Capacity Planned Capacity Utilities in County: Methane Reduction (t	ons/yr):	D. ENVII	RONMENTAL BEN	NEFITS OF U Potential Generation Pro	4,826 101,344	N Curi	rent 0 0 Project	
Current Capacity Planned Capacity Utilities in County: Methane Reduction (t CO2 Equivalent of Cl	ons/yr):	D. ENVII ns/yr): placement:	Electricity (NEFITS OF U Potential Generation Pro	4,826 101,344 oject (tons/yr)	Direct Use CO2 (tons/yr)	rent 0 0 Project SO2 (tons/yr)	
Current Capacity Planned Capacity Utilities in County: Methane Reduction (t CO2 Equivalent of Cl	ons/yr):	D. ENVII	RONMENTAL BEN	NEFITS OF U Potential Generation Pro	4,826 101,344	N Curi	rent 0 0 Project SO2 (tons/yr)	
Current Capacity Planned Capacity Utilities in County: Methane Reduction (t CO2 Equivalent of Cl	ons/yr):	D. ENVII ns/yr): placement:	Electricity (NEFITS OF U Potential Generation Process SO2	4,826 101,344 oject (tons/yr)	Direct Use CO2 (tons/yr)	rent 0	
Current Capacity Planned Capacity Utilities in County: Methane Reduction (t CO2 Equivalent of Cl	ons/yr): H4 Reduction (to	D. ENVII ns/yr): placement: Coal:	Electricity CCO2 (tons/yr 20,52	Potential Generation Pro SO2	4,826 101,344 oject (tons/yr)	Direct Use CO2 (tons/yr) 14,533	Project SO2 (tons/yr) 132	
Current Capacity Planned Capacity Utilities in County: Methane Reduction (t CO2 Equivalent of Cl	ons/yr): H4 Reduction (to	D. ENVII ns/yr): placement: Coal: Fuel Oil:	Electricity C CO2 (tons/yr 20,52 16,84	Potential Generation Pro SO2 11 13	4,826 101,344 oject (tons/yr) 130 108 0	Direct Use CO2 (tons/yr) 14,533 11,928	rent O Project SO2 (tons/yr) 132	
Current Capacity Planned Capacity Utilities in County: Methane Reduction (t CO2 Equivalent of Cl	ons/yr): H4 Reduction (to	D. ENVII ns/yr): placement: Coal: Fuel Oil:	Electricity (CO2 (tons/yr 20,52 16,84 11,32 E. CONTACT IN	Potential Generation Pro SO2 11 13	4,826 101,344 oject (tons/yr) 130 108 0	Direct Use CO2 (tons/yr) 14,533 11,928 8,020	Project SO2 (tons/yr) 132 70	
Current Capacity Planned Capacity Utilities in County: Methane Reduction (t CO2 Equivalent of Cl Emissions Avoided by	ons/yr): H4 Reduction (tol	D. ENVII ns/yr): placement: Coal: Fuel Oil: latural Gas:	Electricity (CO2 (tons/yr 20,52 16,84 11,32 E. CONTACT IN	Potential Generation Process SO2 1 13 25 FORMATIO	4,826 101,344 oject (tons/yr) 130 108 0	Direct Use CO2 (tons/yr) 14,533 11,928	Project SO2 (tons/yr) 132	
Current Capacity Planned Capacity Utilities in County: Methane Reduction (t CO2 Equivalent of Cl	ons/yr): H4 Reduction (to	D. ENVII ns/yr): placement: Coal: Fuel Oil: latural Gas:	Electricity (CO2 (tons/yr 20,52 16,84 11,32 E. CONTACT IN	Potential Generation Proc.) SO2 21 43 25 FORMATIO	4,826 101,344 oject (tons/yr) 130 108 0	Direct Use CO2 (tons/yr) 14,533 11,928 8,020	Project SO2 (tons/yr) 132	
Current Capacity Planned Capacity Utilities in County: Methane Reduction (t CO2 Equivalent of CI Emissions Avoided by	ons/yr): H4 Reduction (tol	D. ENVII ns/yr): placement: Coal: Fuel Oil: latural Gas:	Electricity (CO2 (tons/yr 20,52 16,84 11,32 E. CONTACT IN	Potential Generation Proc.) SO2 21 43 25 FORMATIO	4,826 101,344 oject (tons/yr) 130 108 0	Direct Use CO2 (tons/yr) 14,533 11,928 8,020	Project SO2 (tons/yr) 132	
Current Capacity Planned Capacity Utilities in County: Methane Reduction (t CO2 Equivalent of Cl Emissions Avoided by Contact Name:	ons/yr): H4 Reduction (top Fossil Fuel Disp N John Cobb	D. ENVII ns/yr): placement: Coal: Fuel Oil: latural Gas:	Electricity (CO2 (tons/yr 20,52 16,84 11,32 E. CONTACT IN	Potential Generation Proc.) SO2 21 43 25 FORMATIO	4,826 101,344 oject (tons/yr) 130 108 0	Direct Use CO2 (tons/yr) 14,533 11,928 8,020	Project SO2 (tons/yr) 132 70	



Fax Number:

	A 4	City Of Midland L GENERAL LANDFILL INF		ION	Landfill Categor	y: Candidate
Landfill Owner:	City of Midland		Annual Acceptance Rate (tons):			107,800
Landfill Owner Type:	Public			-	Rate Reported:	1998
Alternative Landfill Name:			gn Capaci	-		
City:	Midland			ly Landfille	d (acres):	412
County:	Midland		rage Deptl			35
State:	TX	199	8 Waste-ii	n-Place (ton	s):	2,620,672
Year Open:	1984	1998	8 Waste-in	-Place (tons	s):	2,620,672
Year Closed:	2058					
		B. LANDFILL GAS COLL	ECTION			
Estimated Methane Generation	ı (mmscf/d):		1.09			
LFG Collection System Status	:					
Current LFG Collected (mmsc	f/d):					
Collection and Treatment Syste	em Required Under NS	SPS/EG:	No			
		C. LANDFILL GAS UTIL	IZATION	1		
Current Utilization:						
Utilization System Status:	: Unknown					
Utilization System Type:	Unknown					
Utilization System Start Y						
Electric Utility Provider(s		pRock Electric				
Natural Gas Provider(s):	Energas	prock Electric				
Energy Purchaser(s):	Energus					
Energy 1 drendser(s).						
Capacity:	Electri	city Generation Project (MW)	(OR	Direct Use Project (mmBtu	/hr)
Estimated Potential Capa	city:		3			34
Current Capacity:						
Planned Capacity:						
Utilities in County:	Cap Rock	Electric Coop Inc; Texas Utili	ties Electr	ic Co; West	ern Area Power Admin	
	D. ENV	IRONMENTAL BENEFITS	OF UTI	LIZATION		
		Potent	ial		Current	
Methane Reduction (tons/yr):			-	6,292	2 33-2 4110	0
CO2 Equivalent of CH4 Reduc	tion (tons/vr):			132,134		0
202 Equivalent of C114 Reduc	(101115/ y1).			102,107		J

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	Pote	ential	Current		
Methane Reduction (tons/yr):	6,292			0	
CO2 Equivalent of CH4 Reduction (tons/yr):		132,134		0	
Emissions Avoided by Fossil Fuel Displacement:	Electricity Gener	ration Project	Direct Use	Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)	
Coal:	26,835	170	18,948	172	
Fuel Oil:	22,025	142	15,551	91	
Natural Gas:	14,810	0	10,457	0	

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	Ken Jones	Kay Sneider
Mailing Address:	P.O. Box 1152	P.O. Box 1152
Phone Number: Fax Number:	915-685-7262	915-685-7262

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^{*} Itallicized indicates values estimated by EPA. Page: December 5, 1998 State: TX



			City Of Nacogo	doches		Landfill Car	egory: Candida		
		A. G	ENERAL LANDFILL		TION	Lanajii Cai	egory. Candida		
Landfill Owner:	City of	Nacogdoches		Annual Accep		(tons):	35,880		
Landfill Owner Type:	Public	Nacogdoches		-		Rate Reported:	1998		
Alternative Landfill N				Design Capac		Rate Reported.	1770		
City:	Nacogo	loches		Acres Current	•	d (acres):	322		
County:	Nacogo			Average Dept	-	a (acres).	20		
State:	TX	.oenes		1998 Waste-i		s):	1,064,534		
Year Open:	1977			1998 Waste-in-Place (tons): 1,064,53					
Year Closed:	2033					-,-	-,,		
			B. LANDFILL GAS CO	OLLECTION	1				
Estimated Methane Ge	eneration (mmsc	f/d):		0.69					
LFG Collection System		,,							
Current LFG Collected									
Collection and Treatment System Required Under NSPS/EG: No									
			C. LANDFILL GAS U	TILIZATIO	N				
Current Utilization:									
Utilization Syster	n Status:	Unknown							
Utilization Syster		Unknown							
Utilization System Start Year:									
	Electric Utility Provider(s): Texas Utilities								
Natural Gas Provider(s):									
Energy Purchases	r(s):								
a .		T		677)	0.70	D :	D: (1.)		
Capacity:		Electric	ity Generation Project (N	1W)	OR	Direct Use Project (mr	nBtu/hr)		
Estimated Potent				2			22		
Current Capacity									
Planned Capacity	:								
Utilities in County:									
		D. ENVI	RONMENTAL BENEF	TITS OF UTI	LIZATION	Ī			
			Po	otential		Curr	ent		
 Methane Reduction (to	ons/yr):				3,991		(
CO2 Equivalent of CH		ns/yr):			83,809		(
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity Gen	=		Direct Use			
			CO2 (tons/yr)	SO2 (to	ons/yr)	CO2 (tons/yr)	SO2 (tons/yr)		
		Coal:	17,364		110	12,018	109		
		Fuel Oil:	14,252		92	9,864	58		
	N	atural Gas:	9,583		0	6,633	(
			E. CONTACT INFO	RMATION					
		Landfill				Landfill Operator			
Contact Name:	John Phillips			Wav	ne Shepherd				
M-:1: A 1.1	_	0			-				
Mailing Address:	PO Box 63064	8		POE	30x 630648				
DI N I									
Phone Number:	409-564-4693			409-	564-4693				
Fax Number:									

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			City Of Pampa MSV	/IF		Landfill Cat	egory:	Candidate	
		A. G	ENERAL LANDFILL INF		ION	Eunigiii Cui	egory.	Cundidate	
Landfill Owner:	City of					tana).		0	
Landfill Owner Type:	City of Public	Panipa		_	otance Rate (Rate Reported:		1998	
Alternative Landfill N					ity (tons):	Kate Reported.		1990	
City:	Pampa				ity (tolis). ily Landfille	d (acres):		7	
County:	Gray			rage Depti	-	i (acies).		70	
State:	TX				n (leet). n-Place (ton	e)·		1,157,820	
Year Open:	1976			1998 Waste-in-Place (tons): 1,157,820					
Year Closed:	1998		1))(o wasie-in	i-i iace (ions	·/·		1,137,020	
Tear Closed.	1770		B. LANDFILL GAS COLI	ECTION	1				
Estimated Methane Ge	maration (mmse			0.71	·				
LFG Collection System	· · · · · · · · ·	// <i>u</i>).		0.71					
Current LFG Collected (mmscf/d):									
Collection and Treatment System Required Under NSPS/EG: No									
C. LANDFILL GAS UTILIZATION									
Current Utilization:									
Utilization Syster	n Status:	Unknown							
		Unknown							
·	Utilization System Type: Unknown Utilization System Start Year:								
Electric Utility Pr									
Natural Gas Provider(s):									
Energy Purchaser									
Energy Furchaser	(8).								
Capacity:		Electric	ity Generation Project (MW)	(OR	Direct Use Project (mn	nBtu/hr))	
Estimated Potenti	ial Capacity:			2				22	
Current Capacity:									
Planned Capacity									
Utilities in County:									
Summer in Country!		D. ENVI	RONMENTAL BENEFITS	OF UTI	LIZATION				
			Potent	ial		Curre	ant		
Methane Reduction (to	mchr).		1 Oteni	ш	4,129	Curre		0	
CO2 Equivalent of CH	• .	nchr).			86,705			0	
CO2 Equivalent of CII		us/ y1).			00,703				
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity General	ion Projec	ct	Direct Use	Project		
			CO2 (tons/yr)	SO2 (to	ns/yr)	CO2 (tons/yr)	SO2	2 (tons/yr)	
		Coal:	17,364		110	12,433		113	
		Fuel Oil:	14,252		92	10,205		60	
	N	atural Gas:	9,583		0	6,862		0	
			E. CONTACT INFORM	ATION					
		Landfill	Owner			Landfill Operator			
Contact Name:	Richard Stone			Jim B	Benton				
Mailing Address:	P.O. Box 2479			P.O. 1	Box 2479				
Phone Number:	806-669-5840			806-6	569-5840				
Fax Number:									

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State: TX

* Itallicized indicates values estimated by EPA. December 5, 1998



			City Of Port Art	nur	Landfill Cate	gory: Candidate		
		A. G	ENERAL LANDFILL IN			8. 7		
Landfill Owner:	City of	Port Arthur	An	nual Acceptance Rat	e (tons):	68,715		
Landfill Owner Type:	•	1 of things		ar Annual Acceptance		1998		
Alternative Landfill N				sign Capacity (tons):	•			
City:	Port Ar	thur		res Currently Landfil				
County:	Jefferso	on		erage Depth (feet):	,	3		
State:	TX			98 Waste-in-Place (to	ons):	1,516,481		
Year Open:	1988			98 Waste-in-Place (to		1,516,481		
Year Closed:	2038				,			
			B. LANDFILL GAS COL	LECTION				
Estimated Methane G	eneration (mmsc	f/d):		0.81				
LFG Collection System		,						
Current LFG Collecte								
Collection and Treatm	nent System Requ	uired Under NS	PS/EG:	No				
			C. LANDFILL GAS UTI	LIZATION				
Current Utilization:								
Utilization System	m Status:	Unknown						
Utilization System	m Type:	Unknown						
Utilization System Start Year:								
Electric Utility Provider(s): Entergy								
Natural Gas Provider(s): Southern Union Gas								
Energy Purchase	r(s):							
		El . '	C D (M)	(A)	D' (II D ' (/)	D. 4. \		
Capacity:		Electric	ity Generation Project (MW	OR	Direct Use Project (mm	Btu/hr)		
Estimated Potent				3		25		
Current Capacity								
Planned Capacity	/ :							
Utilities in County:		Central Pow	ver & Light Company; Dick	ens Electric Coop In	c; Houston County Elec Coo	p Inc; Housto		
3			RONMENTAL BENEFIT	•	· •	,		
		D. ERVI						
			Poter		Current			
Methane Reduction (to	- ·			4,659		0		
CO2 Equivalent of CH	14 Reduction (to	ns/yr):		97,843		0		
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity Genera	ation Project	Direct Use P	Project		
	-		CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)		
		Coal:	19,732	125	14,031	128		
		Fuel Oil:	16,195	104	11,516	67		
	Ν	atural Gas:	10,890	0	7,743	0		
			E. CONTACT INFORM	MATION				
	T	Landfill	Owner		Landfill Operator			
Contact Name:	Gerald Robins	on, Superintend	ant of Solid Waste	Ken Sherman,	Landfill Manager			
Mailing Address:	PO Box 1089			PO Box 1089				
Phone Number:	409-983-8518			409-983-8518				
Fax Number:								
rax mullioet.								



			C'to Of Constant I	T	Landfill Categ	C1:1-4-		
		A C	City Of Sweetwater I ENERAL LANDFILL INFO		Lanafili Categ	ory: Candidate		
Landfill Owner:	-	Sweetwater		al Acceptance Rate		4,210		
Landfill Owner Type:	Public			Annual Acceptance	Rate Reported:	1998		
Alternative Landfill Na			-	n Capacity (tons):	• /			
City:	Sweetw	vater		Currently Landfille	d (acres):	135		
County:	Nolan			nge Depth (feet):		50		
State:	TX			Waste-in-Place (ton		1,262,948		
Year Open:	1976		1998	Waste-in-Place (ton	s):	1,262,948		
Year Closed:	2040	ı	B. LANDFILL GAS COLLI	ECTION				
Estimated Methane Ge	manation (mmsa			0.74				
LFG Collection System	_	j/a):	,	0.74				
Current LFG Collected								
Collection and Treatme		uirad Undar NSE	OS/EC.	No				
Collection and Treatm	ent System Requ		C. LANDFILL GAS UTILIZ					
Current Utilization:								
	n Status	Unknown						
Utilization System		Unknown						
Utilization System Utilization System		Ulikilowii						
•								
Electric Utility Provider(s): Natural Gas Provider(s):								
Energy Purchaser	* *							
Energy Furchaser	(8).							
Capacity:		Electrici	ty Generation Project (MW)	OR	Direct Use Project (mmB	tu/hr)		
Estimated Potenti	al Capacity:			2		23		
Current Capacity:								
Planned Capacity	:							
Utilities in County:								
		D FNVII	RONMENTAL BENEFITS	OF UTILIZATION	J			
		D. EAVII			I			
Mat Date (c	()		Potentia		Curren			
Methane Reduction (to	- ·	()		4,284		0		
CO2 Equivalent of CH	4 Reduction (toi	ns/yr):		89,970		0		
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity Generation	on Project	Direct Use Pr	oject		
			CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)		
		Coal:	18,153	115	12,902	117		
		Fuel Oil:	14,899	96	10,589	62		
	N	atural Gas:	10,019	0	7,120	0		
			E. CONTACT INFORMA	TION				
		Landfill			Landfill Operator			
Contact Name:	Paul McCarthy	7		Paul McCarthy				
Mailing Address:	PO Box 450			PO Box 450				
Maining Address:	1 O DOX 430			1 O BOX 430				
Phone Number:	015 026 6012			015 226 6212				
	915-236-6313			915-236-6313				
Fax Number:								



			City Of Vict		LATION	Landfi	ill Category:	Candidate
		A. G	ENERAL LANDFILL	INFORM	IATION			
Landfill Owner:	City of	Victoria			nnual Acceptance Rate (tons): 118,3			
Landfill Owner Type:	Public		•	Year Annı	ar Annual Acceptance Rate Reported: 1998			
Alternative Landfill N	ame:			Design Ca	pacity (tons):			
City:	Bloomi	ington		Acres Cur	rently Landfille	ed (acres):		160
County:	Victori	oria Average Depth (feet):						32
State:	TX		1998 Waste-in-Place (tons):					14,854,379
Year Open:	1982				14,854,379			
Year Closed: 2040								
]	B. LANDFILL GAS CO	OLLECT	ION			
Estimated Methane Ge	eneration (mmsc	f/d):		4.22				
LFG Collection System	n Status:							
Current LFG Collected	d (mmscf/d):							
Collection and Treatm	ent System Requ	uired Under NSI	PS/EG:	Yes				
			C. LANDFILL GAS U	TILIZAT	ION			
Current Utilization:								
Utilization System	n Status:	Unknown						
Utilization System		Unknown						
Utilization System		Chkhown						
Electric Utility Pr		Central SW	& Virtoria Elec. Coop					
Natural Gas Prov		Entec	& Viitoria Lice. Coop					
Energy Purchasei	` '	Littee						
Energy i drenasei	(3).							
Capacity:		Electrici	ty Generation Project (N	MW)	OR	Direct Use Projec	ct (mmBtu/hi	r)
Estimated Potent	ial Capacity:			13				132
Current Capacity				10				102
Planned Capacity								
	-							
Utilities in County:								
		D. ENVII	RONMENTAL BENEF	FITS OF U	JTILIZATION	N		
			Po	otential			Current	
Methane Reduction (to	ons/vr):				24,383		Current	0
CO2 Equivalent of CH	• .	ns/vr):			512,047			0
E G Z Equivament of en	- Tredition (re-							
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity Gen	eration Pi	roject	Direc	t Use Project	t
			CO2 (tons/yr)	SO2	(tons/yr)	CO2 (tons/yr	r) SO	2 (tons/yr)
		Coal:	104,184		659	73,42	27	668
		Fuel Oil:	85,510		550	60,2	65	351
	N	atural Gas:	57,498		0	40,52	23	0
			E. CONTACT INFO	RMATIC)N			
		Landfill				Landfill Operat	tor	
Contact Name:	John Johnston			I/	irk Burton			
					ווטווטם אוו			
Mailing Address:	P.O. Box 1758							
Phone Number:	512-572-2722			2	10-661-4104			

^{*} Itallicized indicates values estimated by EPA. December 5, 1998 State: TX Page: 21



Fax Number:

			City Of Weatherfo	ord LF		Landfill Category	: Candidate
		A. G	ENERAL LANDFILL II		ON		
Landfill Owner:	City of	Weatherford	A	nnual Accept	ance Rate (tons):	10,039
Landfill Owner Type:	Public			-	cceptance Rate		1998
Alternative Landfill N	ame:		D	esign Capaci	y (tons):	-	
City:	Weathe	erford			y Landfilled (ac	eres):	56
County:	Parker			verage Depth		,	25
State:	TX				-Place (tons):		1,016,400
Year Open:	1976				Place (tons):		1,016,400
Year Closed:	2060			yo music iii	ruce (rons).		1,010,.00
		I	B. LANDFILL GAS COI	LLECTION			
Estimated Methane G	eneration (mmsc	f/d):		0.68			
LFG Collection System		,					
Current LFG Collecte							
Collection and Treatm		uired Under NSF	S/EG:	No			
	one system requ		C. LANDFILL GAS UT				
Current Utilization:							
Utilization System	m Status:	Unknown					
Utilization System		Unknown					
		Ulikilowii					
Utilization System							
Electric Utility P							
Natural Gas Prov	* *						
Energy Purchases	r(s):						
Capacity:		Electrici	ty Generation Project (MV	W) C	R Di	rect Use Project (mmBtu/l	nr)
Estimated Potent	ial Capacity:			2			21
Current Capacity	:						
Planned Capacity	/:						
Utilities in County:		Denton Cour	nty Elec Coop Inc: Johnso	n County Ele	ec Coop Assn: S	Southwestern Power Admi	n: Texas U
			RONMENTAL BENEFI				,
		D. LIVVII				Current	
Madama Dadamian (4			Pole	ential	2 020	Current	0
Methane Reduction (to	= '	()			3,920		0
CO2 Equivalent of CH	14 Reauction (to	ns/yr):			82,314		0
Emissions Avoided by	Fossil Fuel Dist	olacement:	Electricity Gener	ation Projec	t	Direct Use Proje	et
	•		CO2 (tons/yr)	SO2 (ton			O2 (tons/yr)
		Coal:	16,575	(***	105	11,804	107
		Fuel Oil:	13,604		88	9,688	57
					00		31
	N	latural Gas:	9,147		0	6,514	0
			E. CONTACT INFOR	MATION	·		
		Landfill (Owner		I	Landfill Operator	
Contact Name:	David Mask			James	Dickerson		
Mailing Address:	P.O. Box 255			P.O. F	Sox 255		
8:					- -		
Phone Number:	817-598-4250			017 5	09 4250		
	017-398-4230			817-3	98-4250		
Fax Number:							
	1						



City of Arlington LF Landfill Category: Candidate A. GENERAL LANDFILL INFORMATION Landfill Owner: City of Arlington Annual Acceptance Rate (tons): 340,786 Landfill Owner Type: Public Year Annual Acceptance Rate Reported: 1998 Alternative Landfill Name: Design Capacity (tons): 8,000,000 City: Arlington Acres Currently Landfilled (acres): County: Tarrant Average Depth (feet): State: TX1998 Waste-in-Place (tons): 8,476,800 Year Open: 1978 1998 Waste-in-Place (tons): 8,476,800 Year Closed: 2008 **B. LANDFILL GAS COLLECTION** Estimated Methane Generation (mmscf/d): 2.59 LFG Collection System Status: Current LFG Collected (mmscf/d): Collection and Treatment System Required Under NSPS/EG: No C. LANDFILL GAS UTILIZATION Current Utilization: **Utilization System Status:** Planned Utilization System Type: Reciprocating Engine Utilization System Start Year: 1998 Electric Utility Provider(s): Natural Gas Provider(s): Energy Purchaser(s): Municipal WWTP Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr) Estimated Potential Capacity: 8 81 Current Capacity: Planned Capacity: Denton County Elec Coop Inc; Johnson County Elec Coop Assn; Southwestern Power Admin; Texas U Utilities in County: D ENVIDONMENTAL DENEETTS OF LITTLEZATION

D. ENVIRONMENTAL BENEFITS OF UTILIZATION							
	Pote	ential	Curre	ent			
Methane Reduction (tons/yr):		14,952		0			
CO2 Equivalent of CH4 Reduction (tons/yr):		313,994	0				
Emissions Avoided by Fossil Fuel Displacement:	Electricity Gener	ration Project	Direct Use Project				
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)			
Coal:	63,931	404	45,026	410			
Fuel Oil:	52,472	338	36,955	215			
Natural Gas:	35,283	0	24,849	0			
	E. CONTACT INFOR	MATION					

	Landfill Owner	Landfill Operator
Contact Name:	Robert Bird	Robert S Byrd

PO Box 231

Phone Number: 817-275-3271 817-459-6767

* Itallicized indicates values estimated by EPA. December 5, 1998 State: TX 23 Page:

800 Mosher Valley Road



Mailing Address:

Fax Number:

P.O. Box 231

City of Brownwood Landfill Landfill Category: Current A. GENERAL LANDFILL INFORMATION Landfill Owner: City of Brownwood Annual Acceptance Rate (tons): 94,094 Landfill Owner Type: Public Year Annual Acceptance Rate Reported: 1998 Alternative Landfill Name: Design Capacity (tons): City: Brownwood Acres Currently Landfilled (acres): 184 County: Brown Average Depth (feet): State: TX1998 Waste-in-Place (tons): Year Open: 1996 1998 Waste-in-Place (tons): Year Closed: 2040 B. LANDFILL GAS COLLECTION Estimated Methane Generation (mmscf/d): LFG Collection System Status: Current LFG Collected (mmscf/d): Collection and Treatment System Required Under NSPS/EG: No C. LANDFILL GAS UTILIZATION Current Utilization: **Utilization System Status:** Operational Utilization System Type: Leachate Evaporation Utilization System Start Year: 1998 Electric Utility Provider(s): Natural Gas Provider(s): Energy Purchaser(s): Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr) Estimated Potential Capacity: Current Capacity: Planned Capacity: Utilities in County: D. ENVIRONMENTAL BENEFITS OF UTILIZATION Potential Current Methane Reduction (tons/yr): CO2 Equivalent of CH4 Reduction (tons/yr): Emissions Avoided by Fossil Fuel Displacement: Electricity Generation Project Direct Use Project CO2 (tons/yr) SO2 (tons/yr) CO2 (tons/yr) SO2 (tons/yr) Coal: Fuel Oil: Natural Gas: E. CONTACT INFORMATION Landfill Owner Landfill Operator Contact Name: Don Carmack Don Carmack Mailing Address: P.O. Box 1389 P.O. Box 1389 Phone Number: 915-646-5775 915-646-5775 Fax Number:



			City of Conroe	IF		Landfill Cat	egory: Can	didate
		A. G	ENERAL LANDFILL IN		TON	Eungin Cui		Indute
Landfill Owner:	IISA W	Vaste Services Ir				(tons):	288	3,000
Landfill Owner Type:	Private		Services Inc Annual Acceptance Rate (tons): Year Annual Acceptance Rate Reported:					1998
Alternative Landfill N				esign Capac	-	Rate Reported.	4,000	
City:	Conroe			cres Current	-	d (acres):	7,000	,000
County:	Montgo			verage Dept	-	a (acres).		
State:	TX	onier y		aste-in-Plac			3,146	000
Year Open:	1975			98 Waste-in		s):	3,432	
Year Closed:	2001		1,	yo waste m	Trace (107)	5).	3,132	,000
B. LANDFILL GAS COLLECTION								
Estimated Methane G	eneration (mmsc	-f/d)·		1.30				
LFG Collection System		<i>j</i> /u/.		1.50				
Current LFG Collected								
Collection and Treatm		uired Under NS	PS/EG:	No				
Concerton and Treatm	sent Bystem requ		C. LANDFILL GAS UTI		N			
Current Utilization:								
Utilization System	m Statue	Unknown						
Utilization System		Unknown						
Utilization System		Clikilowii						
Electric Utility P								
Natural Gas Prov								
Energy Purchase	` '							
Energy Turenases	. (3).							
Capacity:		Electric	ity Generation Project (MV	V) (OR	Direct Use Project (mn	nBtu/hr)	
Estimated Potent	ial Capacity:			4			4	41
Current Capacity	:							
Planned Capacity	7:							
Utilities in County:		Gulf States	Utilities Company; Housto	n Lighting &	L Power Co	o: Mid-South Electric Coo	op Assn: Sam	Н
			RONMENTAL BENEFIT				· · · · · · · · · · · · · · · · · · ·	
		D. LIVI	I		LIZITIO			
M.I. D.I. C.			Pote	ntial	7.402	Curre	ent	0
Methane Reduction (to	- ·				7,492			0
CO2 Equivalent of CH	14 Reduction (to	ns/yr):			157,328			0
Emissions Avoided by	Fossil Fuel Disp	placement:	Electricity Gener	ation Projec	ct	Direct Use	Project	
			CO2 (tons/yr)	SO2 (to	ns/yr)	CO2 (tons/yr)	SO2 (ton	s/yr)
		Coal:	31,571		200	22,561		205
		Fuel Oil:	25,912		167	18,517		108
	N	latural Gas:	17,424		0	12,451		0
			E. CONTACT INFOR	MATION				
Landfill Owner				Landfill Operator				
Contact Name:	Diana Henk			John	Carrington			
Mailing Address:	100 Genoa Red	d Bluff		P.O. 1	Box 3066			
DI V								
Phone Number:	281-922-0012			409-5	544-9007			
Fax Number:								



City of Conroe LF/Western Waste (B) Landfill Category: Candidate A. GENERAL LANDFILL INFORMATION Landfill Owner: City of Conroe Annual Acceptance Rate (tons): Landfill Owner Type: Public 1994 Year Annual Acceptance Rate Reported: Alternative Landfill Name: Design Capacity (tons): Conroe Acres Currently Landfilled (acres): Montgomery Average Depth (feet): TXWaste-in-Place (tons): 1,859,000

1998 Waste-in-Place (tons):

No

2,002,000

29

B. LANDFILL GAS COLLECTION

0.93 Estimated Methane Generation (mmscf/d):

LFG Collection System Status: Current LFG Collected (mmscf/d):

Collection and Treatment System Required Under NSPS/EG:

1983

1996

C. LANDFILL GAS UTILIZATION

Current Utilization:

City:

County:

Year Open:

Year Closed:

State:

Utilization System Status: Unknown Utilization System Type: Unknown

Utilization System Start Year: Electric Utility Provider(s): Natural Gas Provider(s): Energy Purchaser(s):

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity: **Current Capacity:**

Planned Capacity:

Utilities in County:

Gulf States Utilities Company; Houston Lighting & Power Co; Mid-South Electric Coop Assn; Sam H

Landfill Operator

3

D	. ENVIR	ONMENTAL	BENEFITS	OF UTI	LIZATION
---	---------	----------	-----------------	--------	----------

	Pote	ential	Current		
Methane Reduction (tons/yr):		5,377		0	
CO2 Equivalent of CH4 Reduction (tons/yr):		112,921			
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use	Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)	
Coal:	22,889	145	16,193	147	
Fuel Oil:	18,786	121	13,290	77	
Natural Gas:	12,632	0	8,937	0	

E. CONTACT INFORMATION

Landfill Owner

	Bandin 6 wher	Zanam operator
Contact Name:	Diana Henk	Diana Henk
Mailing Address:	3520 Pansy	3623 Wilson Rd.
Phone Number: Fax Number:	713-487-5000	713-487-5000

^{*} Itallicized indicates values estimated by EPA. December 5, 1998 State: TX Page: 26



			City of Dallas/McComma	s Bluff LF		Landfill Cat	egory:	Curren
		A. Gl	ENERAL LANDFILL IN	FORMATI	ON			
Landfill Owner:	City of 1	Dallas	Anı	nual Accepta	ance Rate (to	ons):		855,000
Landfill Owner Type:	Гуре: Public							1998
Alternative Landfill Na	Name: McCommas Bluff LF			ign Capacit	y (tons):			
City:	Dallas		Acr	es Currently	Landfilled	(acres):		964
County:	Dallas		Ave	erage Depth	(feet):			140
State:	TX		199	98 Waste-in	-Place (tons)	:	20	0,000,000
Year Open:	1980		199	8 Waste-in-	Place (tons).	•	20	0,000,000
Year Closed:	2053				, ,			
		P	B. LANDFILL GAS COL	LECTION				
Estimated Methane Ger	neration (mmscf.	%d):		5.53				
LFG Collection System	Status:		Opera	ational				
Current LFG Collected			•	6.0				
Collection and Treatme		ired Under NSP	S/EG:	Yes				
	1		C. LANDFILL GAS UTII					
Current Utilization:								
Utilization System	Status:	Construction						
Utilization System		High Btu						
Utilization System		1997						
		1997						
Electric Utility Pro								
Natural Gas Provid	* /							
Energy Purchaser((s):							
Capacity:		Electricit	y Generation Project (MW) O	R	Direct Use Project (mn	nBtu/hr))
Estimated Potentic	al Capacity:			1.7				173
				17				
Current Capacity:	ar Capacity.			17				173
Current Capacity: Planned Capacity:				1/				
Planned Capacity:								125
Planned Capacity:		Denton Cour	nty Elec Coop Inc; FEC Ele		rative; Garla	nd Power & Light Syst	em; Hil	125
			nty Elec Coop Inc; FEC Ele	ectric Coope		nd Power & Light Syst	em; Hil	125
Planned Capacity:				ectric Coope S OF UTIL		nd Power & Light Syst Curre		125
Planned Capacity: Utilities in County:			ONMENTAL BENEFIT	ectric Coope S OF UTIL				125
Planned Capacity: Utilities in County: Methane Reduction (to)	ns/yr):	D. ENVIR	ONMENTAL BENEFIT	ectric Coope S OF UTIL	IZATION			125
Planned Capacity: Utilities in County: Methane Reduction (total CO2 Equivalent of CH-	ns/yr): 4 Reduction (ton	D. ENVIR	ONMENTAL BENEFIT	ectric Coope S OF UTIL tial	IZATION 31,993 71,843	Curre	ent	125 1 Count 23,126 485,654
Planned Capacity: Utilities in County: Methane Reduction (total CO2 Equivalent of CH-	ns/yr): 4 Reduction (ton	D. ENVIR	Poten Electricity General	ectric Coope S OF UTIL tial 6 tion Project	31,993 71,843	Curre Direct Use	ent Project	125 1 Count 23,126 485,654
Planned Capacity: Utilities in County: Methane Reduction (to CO2 Equivalent of CH-	ns/yr): 4 Reduction (ton	D. ENVIR	ONMENTAL BENEFIT	ectric Coope S OF UTIL tial	31,993 71,843	Curre	ent Project	125 1 Count 23,126 485,654
Planned Capacity: Utilities in County: Methane Reduction (to CO2 Equivalent of CH-	ns/yr): 4 Reduction (ton	D. ENVIR	Poten Electricity General	ectric Coope S OF UTIL tial 6 tion Project	31,993 71,843	Curre Direct Use	ent Project	125 1 Count 23,126 485,654
Planned Capacity: Utilities in County: Methane Reduction (to)	ns/yr): 4 Reduction (ton	D. ENVIR	Electricity General CO2 (tons/yr)	ectric Coope S OF UTIL tial 6 tion Project	31,993 71,843 s/yr) 863	Direct Use CO2 (tons/yr) 96,341	ent Project	125 1 Count 23,126 485,654 2 (tons/yr) 877
Planned Capacity: Utilities in County: Methane Reduction (to CO2 Equivalent of CH-	ns/yr): 4 Reduction (ton Fossil Fuel Disp	D. ENVIR (s/yr): lacement: Coal: Fuel Oil:	Electricity General CO2 (tons/yr) 136,545 112,070	ectric Coope S OF UTIL tial 6 tion Project	31,993 71,843 8(s/yr) 863 721	Direct Use CO2 (tons/yr) 96,341 79,072	ent Project	125 1 Count 23,126 485,654 2 (tons/yr) 877 461
Planned Capacity: Utilities in County: Methane Reduction (to CO2 Equivalent of CH-	ns/yr): 4 Reduction (ton Fossil Fuel Disp	D. ENVIR	Electricity General CO2 (tons/yr)	ectric Coope S OF UTIL tial 6 tion Project	31,993 71,843 s/yr) 863	Direct Use CO2 (tons/yr) 96,341	ent Project	125 1 Count 23,126 485,654 2 (tons/yr) 877
Planned Capacity: Utilities in County: Methane Reduction (to CO2 Equivalent of CH-	ns/yr): 4 Reduction (ton Fossil Fuel Disp	D. ENVIR (s/yr): lacement: Coal: Fuel Oil: atural Gas:	Electricity General CO2 (tons/yr) 136,545 112,070 75,357 E. CONTACT INFORM	ectric Coope S OF UTIL tial 6 tion Project SO2 (ton.	31,993 71,843 8(s/yr) 863 721	Direct Use CO2 (tons/yr) 96,341 79,072 53,169	ent Project	125 1 Count 23,126 485,654 2 (tons/yr) 877 461
Planned Capacity: Utilities in County: Methane Reduction (to CO2 Equivalent of CH-Emissions Avoided by I	ns/yr): 4 Reduction (ton Fossil Fuel Disp	D. ENVIR (s/yr): lacement: Coal: Fuel Oil:	Electricity General CO2 (tons/yr) 136,545 112,070 75,357 E. CONTACT INFORM	ectric Coope S OF UTIL tial 6 tion Project SO2 (ton.	31,993 71,843 8(s/yr) 863 721	Direct Use CO2 (tons/yr) 96,341 79,072	ent Project	125 1 Count 23,126 485,654 2 (tons/yr) 877 461
Planned Capacity: Utilities in County: Methane Reduction (tor CO2 Equivalent of CH- Emissions Avoided by I	ns/yr): 4 Reduction (ton Fossil Fuel Disp	D. ENVIR as/yr): lacement: Coal: Fuel Oil: atural Gas:	Electricity General CO2 (tons/yr) 136,545 112,070 75,357 E. CONTACT INFORM	ectric Coope S OF UTIL tial 6 tion Project SO2 (ton.	31,993 71,843 8.5/yr) 863 721 0	Direct Use CO2 (tons/yr) 96,341 79,072 53,169	ent Project	125 1 Count 23,126 485,654 2 (tons/yr) 877 461
Planned Capacity: Utilities in County: Methane Reduction (to CO2 Equivalent of CH- Emissions Avoided by I	ns/yr): 4 Reduction (ton Fossil Fuel Disp No	D. ENVIR	Electricity General CO2 (tons/yr) 136,545 112,070 75,357 E. CONTACT INFORM	ectric Coope S OF UTIL tial 6 tion Project SO2 (ton.	31,993 71,843 8.5/yr) 863 721 0	Direct Use CO2 (tons/yr) 96,341 79,072 53,169 Landfill Operator	ent Project	125 1 Count 23,126 485,654 2 (tons/yr) 877 461
Planned Capacity: Utilities in County: Methane Reduction (tor CO2 Equivalent of CH-Emissions Avoided by I	ns/yr): 4 Reduction (ton Fossil Fuel Disp No Roj Gunter, Sol 2721 Municipal	D. ENVIR	Electricity General CO2 (tons/yr) 136,545 112,070 75,357 E. CONTACT INFORM	sctric Coope S OF UTIL tial 6 tion Project SO2 (ton. AATION Roj Gu 3112 C	31,993 71,843 85/yr) 863 721 0	Direct Use CO2 (tons/yr) 96,341 79,072 53,169 Landfill Operator	ent Project	125 1 Count 23,126 485,654 2 (tons/yr) 877 461
Planned Capacity: Utilities in County: Methane Reduction (too CO2 Equivalent of CH-Emissions Avoided by I	ns/yr): 4 Reduction (ton Fossil Fuel Disp No Roj Gunter, Sol	D. ENVIR	Electricity General CO2 (tons/yr) 136,545 112,070 75,357 E. CONTACT INFORM	sctric Coope S OF UTIL tial 6 tion Project SO2 (ton. AATION Roj Gu 3112 C	31,993 71,843 863 721 0	Direct Use CO2 (tons/yr) 96,341 79,072 53,169 Landfill Operator	ent Project	125 1 Count 23,126 485,654 2 (tons/yr) 877 461

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State: TX

* Itallicized indicates values estimated by EPA. December 5, 1998



City of Farmers Branch LF Landfill Category: Candi A. GENERAL LANDFILL INFORMATION							
A. GENERAL LANDFILL INFORMATION							
Landfill Owner:	City of	Farmers Branch	ch Annual Acceptance Rate (tons): 326,				
Landfill Owner Type:	Public		Year Annual Acceptance Rate Reported:				
Alternative Landfill N	ame: BFI/Ca	melot LF	Desig	4,956,360			
City:	Hebron	l	Acres Currently Landfilled (acres):				
County:	Denton		Aver	age Depth (feet):			
State:	TX		1998	3 Waste-in-Place	(tons):	4,381,844	
Year Open:	1981		1998	Waste-in-Place ((tons):	4,381,844	
Year Closed:							
B. LANDFILL GAS COLLECTION							
Estimated Methane Ge	eneration (mmsc	f/d):		1.54			
LFG Collection System	n Status:						
Current LFG Collected	d (mmscf/d):						
Collection and Treatm	ent System Requ	uired Under NS	PS/EG:	No			
			C. LANDFILL GAS UTILI	ZATION			
Current Utilization:							
Utilization Syster	n Status:	Unknown					
Utilization Syster		Unknown					
Utilization Syster							
Electric Utility Pr							
Natural Gas Prov							
Energy Purchaser							
Capacity:		Electric	ity Generation Project (MW)	OR	Direct Use Project (m	mBtu/hr)	
Estimated Potenti	ial Capacity:			5		48	
Current Capacity:							
Planned Capacity	:						
Utilities in County:		Cooke Cour	nty Elec Coop Assn; Denton (County Elec Coop	Inc; Denton Mun Utilities;	Sanger Electric	
•			RONMENTAL BENEFITS				
		D, EH VI	I				
			Potenti		Cur		
Methane Reduction (to	= '			8,897		0	
CO2 Equivalent of CH	4 Reduction (to	ns/yr):		186,827		0	
Emissions Avoided by	Fossil Fuel Disi	olacement:	Electricity Generati	on Proiect	Direct Use	Project	
	1		CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)	
		Coal:	37,885	240	26,791	244	
		Fuel Oil:	31,095	200	21,988	128	
Natural Gas:			20,908	0	14,785	0	
			E. CONTACT INFORMA	ATION			
		Landfill	Owner		Landfill Operator		
Contact Name:	Pete Pistole			Pete Pistole			
Mailing Address:	P.O. Box 8190	10		P.O. Box 819	010		
maning radicos.	1.0. 507 0170	10		1.0. Box 01)	V1V		
Phone Number:	214-919-2616			972-919-2616	5		
Fax Number:							
I az i tallioci.							



City of Fort Worth LF/Southeast Landfill Category: Candidate A. GENERAL LANDFILL INFORMATION Landfill Owner: City of Fort Worth Annual Acceptance Rate (tons): 79,768 Landfill Owner Type: Public Year Annual Acceptance Rate Reported: 1998 Alternative Landfill Name: Design Capacity (tons): City: Fort Worth Acres Currently Landfilled (acres): County: Tarrant Average Depth (feet): State: TX1998 Waste-in-Place (tons): 4,996,994 Year Open: 1976 4,996,994 1998 Waste-in-Place (tons): Year Closed: 2016 **B. LANDFILL GAS COLLECTION** Estimated Methane Generation (mmscf/d): 1.70 LFG Collection System Status: Current LFG Collected (mmscf/d): Collection and Treatment System Required Under NSPS/EG: No C. LANDFILL GAS UTILIZATION Current Utilization: **Utilization System Status:** Unknown Utilization System Type: Unknown Utilization System Start Year: Electric Utility Provider(s): Natural Gas Provider(s): Energy Purchaser(s): Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr) Estimated Potential Capacity: 5 53 Current Capacity: Planned Capacity: Denton County Elec Coop Inc; Johnson County Elec Coop Assn; Southwestern Power Admin; Texas U Utilities in County: D ENVIDONMENTAL DENEETS OF LITTLE ATION

D. ENVIRONMENTAL BENEFITS OF UTILIZATION							
	Pote	ential	Current				
Methane Reduction (tons/yr):		9,806		0			
CO2 Equivalent of CH4 Reduction (tons/yr):		205,928	0				
Emissions Avoided by Fossil Fuel Displacement:	Electricity Gener	ration Project	Direct Use Project				
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)			
Coal:	41,832	264	29,530	269			
Fuel Oil:	34,334	221	24,237	141			
Natural Gas:	23,086	0	16,297	0			
	E. CONTACT INFOR	MATION					

Contact Name:
Robert Martin
Ron E Stults

4100 Columbus Trail
6900 Dick Price Road

Phone Number:
870-478-6300
817-871-5150

Fax Number:

Landfill Operator

Landfill Owner



City of Grand Prairie LF Landfill Category: Candidate A. GENERAL LANDFILL INFORMATION Landfill Owner: City of Grand Prairie Annual Acceptance Rate (tons): 138,244 Landfill Owner Type: Public Year Annual Acceptance Rate Reported: 1998 Alternative Landfill Name: Myers Road Landfill Design Capacity (tons): City: Grand Prairie Acres Currently Landfilled (acres): County: Dallas Average Depth (feet): State: TX1998 Waste-in-Place (tons): 4,106,603 Year Open: 1998 Waste-in-Place (tons): 4,106,603 1977 Year Closed: 2021 **B. LANDFILL GAS COLLECTION** Estimated Methane Generation (mmscf/d): 1.47 LFG Collection System Status: Current LFG Collected (mmscf/d): Collection and Treatment System Required Under NSPS/EG: Yes C. LANDFILL GAS UTILIZATION Current Utilization:

Utilization System Status: Unknown Utilization System Type: Unknown

Utilization System Start Year: Electric Utility Provider(s): Natural Gas Provider(s): Energy Purchaser(s):

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr) Estimated Potential Capacity: 5 46 **Current Capacity:** Planned Capacity:

Denton County Elec Coop Inc; FEC Electric Cooperative; Garland Power & Light System; Hill Count Utilities in County:

D. ENVIRONMENTAL BENEFITS OF UTILIZATION									
Pote	ential	Current							
8,489									
178,277									
Electricity Gener	ration Project	Direct Use Project							
CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)						
36,307	230	25,565	233						
29,799	192	20,982	122						
20,037	0	14,109	0						
	Electricity General CO2 (tons/yr) 36,307 29,799	Potential 8,489 178,277 Electricity Generation Project CO2 (tons/yr) SO2 (tons/yr) 36,307 230 29,799 192	Potential Curre						

Landfill Owner	Landfill Operator

Contact Name: Don Prince Kristina Velasquez Mailing Address: P.O. Box 530011 P.O. Box 530011 Phone Number: 972-264-6240 972-237-8147 Fax Number:

E. CONTACT INFORMATION

^{*} Itallicized indicates values estimated by EPA. December 5, 1998 State: TX 30 Page:



STAR Version 1.0 / LMOP

			City of Laredo	IF		Landfill Cat	egory: Ca	ndidate
		A. G	ENERAL LANDFILL I		ION	Lanajii Cai	egory. Cu	Indidate
Landfill Owner:	City of			nnual Accep		ítons):	24	55,572
Landfill Owner Type:	-	Laredo		-		Rate Reported:	2.	1998
Alternative Landfill N				esign Capaci	-	Rate Reported.		1770
City:	Laredo			cres Current	-	d (acres):		
County:	Webb			verage Deptl	-	a (acros).		
State:	TX			998 Waste-ii		s):	2.78	87,537
Year Open:	1986			998 Waste-in		·		87,537
Year Closed:	2001				(.,.	_,,,	,
]	B. LANDFILL GAS CO	LLECTION				
Estimated Methane G	eneration (mmsc	f/d):		1.13				
LFG Collection System		,,, .		1110				
Current LFG Collecte								
Collection and Treatm		uired Under NSI	PS/EG:	No				
	,		C. LANDFILL GAS UT	ILIZATION	Ī			
Current Utilization:								
Utilization System	m Status:	Potential						
Utilization System Type: Medium Btu								
Utilization System		1998	•					
Electric Utility P		1,7,0						
Natural Gas Provider(s):								
Energy Purchase	` '	City of Lare	do					
		•						
Capacity:		Electrici	ty Generation Project (MV	W) (OR .	Direct Use Project (mn	nBtu/hr)	
Estimated Potent	ial Capacity:			4				35
Current Capacity	:							
Planned Capacity	/:							
Utilities in County:		Central Pow	er & Light Company; Me	dina Electric	Coop Inc. 1	Rio Grande Electric Coor	Inc: West	ern
- Ctindes in Councy.			RONMENTAL BENEFI				, me, west	
		D. ENVI			LIZATION			
			Pote	ential		Curre	ent	
Methane Reduction (to	- ·				6,539			0
CO2 Equivalent of CH	14 Reduction (to	ns/yr):			137,315			0
Emissions Avoided by	Fossil Fuel Dist	olacement:	Electricity Gener	ration Projec	et	Direct Use	Project	
	r		CO2 (tons/yr)	SO2 (to		CO2 (tons/yr)	SO2 (to	ons/vr)
		Coal:	27,625	,	175	19,691	,	179
		Fuel Oil:	22,673		146	·		
						16,161		94
	N	latural Gas:	15,246		0	10,867		0
			E. CONTACT INFOR	RMATION				
	T	Landfill	Owner			Landfill Operator		
Contact Name:	John G. Hurd			Jose N	M Guerra			
Mailing Address:	1500 National	Bank of Comme	erce	P.O. 1	Box 579			
<u> </u>								
Phone Number:				956-7	95-2500			
)30-1	,5 2500			
Fax Number:								



City of Lubbock LF Landfill Category: Candidate A. GENERAL LANDFILL INFORMATION Landfill Owner: City of Lubbock Annual Acceptance Rate (tons): 157,300 Landfill Owner Type: Public Year Annual Acceptance Rate Reported: 1994 Alternative Landfill Name: Design Capacity (tons): City: Lubbock Acres Currently Landfilled (acres): County: Lubbock Average Depth (feet): State: TXWaste-in-Place (tons): 943,800 1991 Year Open: 1998 Waste-in-Place (tons): 1,258,400 Year Closed: 2001 **B. LANDFILL GAS COLLECTION** Estimated Methane Generation (mmscf/d): 0.74 LFG Collection System Status: Current LFG Collected (mmscf/d): Collection and Treatment System Required Under NSPS/EG: No C. LANDFILL GAS UTILIZATION Current Utilization: **Utilization System Status:** Unknown Utilization System Type: Unknown Utilization System Start Year: Electric Utility Provider(s): Natural Gas Provider(s): Energy Purchaser(s): Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr) 2 Estimated Potential Capacity: 23 Current Capacity: Planned Capacity: Lubbock Power & Light Dept; Lyntegar Electric Coop Inc; South Plains Electric Coop Inc; Southwest Utilities in County: D. ENVIRONMENTAL BENEFITS OF UTILIZATION Potential Current Methane Reduction (tons/yr): 4,278 0 CO2 Equivalent of CH4 Reduction (tons/yr): 89.828 0 Emissions Avoided by Fossil Fuel Displacement: Electricity Generation Project Direct Use Project CO2 (tons/yr) SO2 (tons/yr) CO2 (tons/yr) SO2 (tons/yr) Coal: 18,153 115 12,881 117 Fuel Oil: 14,899 96 10,572 62 Natural Gas: 10.019 0 0 7,109 E. CONTACT INFORMATION Landfill Owner Landfill Operator Contact Name: Mailing Address: P.O. Box 2000 P.O. Box 2000 Phone Number: 806-762-6411 Fax Number:



City of McKinney LF Landfill Category: Candidate A. GENERAL LANDFILL INFORMATION Landfill Owner: City of McKinney Annual Acceptance Rate (tons): 416,684 Landfill Owner Type: Public Year Annual Acceptance Rate Reported: 1998 Alternative Landfill Name: Design Capacity (tons): City: Mckinney Acres Currently Landfilled (acres): County: Collin Average Depth (feet): State: TX1998 Waste-in-Place (tons): 1.626.644 Year Open: 1980 1,626,644 1998 Waste-in-Place (tons): Year Closed: 2005 **B. LANDFILL GAS COLLECTION** Estimated Methane Generation (mmscf/d): 0.83 LFG Collection System Status: Current LFG Collected (mmscf/d): Collection and Treatment System Required Under NSPS/EG: No C. LANDFILL GAS UTILIZATION Current Utilization: **Utilization System Status:** Unknown Utilization System Type: Unknown Utilization System Start Year: Electric Utility Provider(s): Natural Gas Provider(s): Energy Purchaser(s): Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr) Estimated Potential Capacity: 3 26 Current Capacity: Planned Capacity: Cap Rock Electric Coop Inc; Denton County Elec Coop Inc; Fannin County Electric Coop; Farmersvil Utilities in County: D. ENVIRONMENTAL BENEFITS OF UTILIZATION Potential Current Methane Reduction (tons/yr): 4,822 0 CO2 Equivalent of CH4 Reduction (tons/yr): 101,264 0 Emissions Avoided by Fossil Fuel Displacement: Electricity Generation Project Direct Use Project CO2 (tons/yr) SO2 (tons/yr) CO2 (tons/yr) SO2 (tons/yr) Coal: 20,521 130 14,521 132 Fuel Oil: 70 16,843 108 11,918 Natural Gas: 0 8.014 0 11.325 E. CONTACT INFORMATION Landfill Owner Landfill Operator Contact Name: Don Pasco David H Canup Mailing Address: P.O. Box 517 PO Drawer C Phone Number: 972-542-2675 214-442-5405 Fax Number:

* Itallicized indicates values estimated by EPA. December 5, 1998 State: TX

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City of Waco LF #1 LF Landfill Category: Candidate A. GENERAL LANDFILL INFORMATION Landfill Owner: City of Waco Annual Acceptance Rate (tons): 163,735 Landfill Owner Type: Year Annual Acceptance Rate Reported: 1998 Alternative Landfill Name: Design Capacity (tons): City: Woodway Acres Currently Landfilled (acres): County: Mclennan Average Depth (feet): State: TXWaste-in-Place (tons): Year Open: 1987 1.887.600 1998 Waste-in-Place (tons): Year Closed: 2001 **B. LANDFILL GAS COLLECTION** 0.90 Estimated Methane Generation (mmscf/d): LFG Collection System Status: Current LFG Collected (mmscf/d): Collection and Treatment System Required Under NSPS/EG: No C. LANDFILL GAS UTILIZATION Current Utilization: **Utilization System Status:** Planned Utilization System Type: Medium Btu Utilization System Start Year: 1999 Electric Utility Provider(s): Natural Gas Provider(s): Energy Purchaser(s): Lehigh Cement Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr) Estimated Potential Capacity: 3 28 Current Capacity: Planned Capacity: Hill County Electric Coop; McLennan County Elec Coop Inc; Navasota Valley Elec Coop Inc; Southw Utilities in County: D. ENVIRONMENTAL BENEFITS OF UTILIZATION Potential Current Methane Reduction (tons/yr): 5,208 0 CO2 Equivalent of CH4 Reduction (tons/yr): 109,368 0 Emissions Avoided by Fossil Fuel Displacement: Electricity Generation Project Direct Use Project CO2 (tons/yr) SO2 (tons/yr) CO2 (tons/yr) SO2 (tons/yr) Coal: 22,100 140 15,683 143 Fuel Oil: 18,139 117 12,872 75 Natural Gas: 0 0 12,197 8,655 E. CONTACT INFORMATION Landfill Owner Landfill Operator Contact Name: Jim Blume Mailing Address: P.O. Box 2570 P.O. Box 2570 Phone Number: 817-751-8580

* Itallicized indicates values estimated by EPA. December 5, 1998 State: TX Page: 34



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			Clint LF			Landfill Category	: Candidate
		A. G	ENERAL LANDFILL IN	NFORMATI	ON		
Landfill Owner:	City of	El Paso			ance Rate (to	ns):	124,629
Landfill Owner Type:	Public				cceptance Ra	te Reported:	1998
Alternative Landfill N				esign Capaci	-		
City:	Clint				y Landfilled (acres):	76
County:	El Paso)		verage Depth			38
State:	TX				-Place (tons):		4,185,278
Year Open:	1983		19	98 Waste-in-	Place (tons):		4,185,278
Year Closed:	2006	1	B. LANDFILL GAS COI	I ECTION			
			3. LANDFILL GAS CUI				
Estimated Methane Ge		f/d):		1.49			
LFG Collection System							
Current LFG Collected							
Collection and Treatm	ent System Requ			No			
			C. LANDFILL GAS UTI	LIZATION			
Current Utilization:							
Utilization Syster		Unknown					
Utilization Syster		Unknown					
Utilization Syster							
Electric Utility Pr							
Natural Gas Prov	* *						
Energy Purchaser	r(s):						
Capacity:		Electrici	ty Generation Project (MV	V) C	PR I	Direct Use Project (mmBtu/	hr)
Estimated Potenti				5			47
Current Capacity:	:						
Planned Capacity	:						
Utilities in County:		El Paso Elec	tric Co.; El Paso Electric (Company; Ri	o Grande Ele	ctric Coop Inc; Western Are	ea Power
		D. ENVII	RONMENTAL BENEFIT	TS OF UTII	IZATION		
			Pote	ntial		Current	
Methane Reduction (to	ons/vr):				8,606		0
CO2 Equivalent of CH	- ·	ns/vr):		1	.80,722		0
-							
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity Gener	=		Direct Use Proje	
			CO2 (tons/yr)	SO2 (ton	s/yr)	CO2 (tons/yr) S	O2 (tons/yr)
		Coal:	37,096		235	25,915	236
		Fuel Oil:	30,447		196	21,270	124
	N	atural Gas:	20,473		0	14,302	0
			E. CONTACT INFOR	MATION			
		Landfill	Owner			Landfill Operator	
Contact Name:	Manuel Rodrig	guez		Blanca	a Vasquez		
Mailing Address:	7967 San Paul	o Drive		7967 \$	San Paulo Dri	ve	
<u> </u>							
Phone Number:	915-594-8625			915-6	21-6724		
	713 374-0023			15-02	-1 0/27		
Fax Number:							

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			Colorado City La	andfill		Landfill Category.	Candidate		
		A. G	ENERAL LANDFILL II		ΓΙΟΝ				
Landfill Owner:	City of	Colorado	A	nnual Acce	ptance Rate ((tons):	5,715		
Landfill Owner Type:	Public	Colorado			-	Rate Reported:	1998		
Alternative Landfill N				esign Capa	•	rate reported.	1770		
City:	Colorac	do City			tly Landfille	d (acres):	35		
County:	Mitchel	-		verage Dep	-	a (acres).	35		
State:	TX	-			in-Place (ton	s):	1,528,956		
Year Open:	1975				n-Place (ton:	•	1,528,956		
Year Closed:	2020					.,,	-,,		
]	B. LANDFILL GAS CO	LLECTIO	N				
Estimated Methane Ge	eneration (mmsc	f/d):		0.81					
LFG Collection Syster	· · · · · · · · ·								
Current LFG Collected									
Collection and Treatm	Collection and Treatment System Required Under NSPS/EG: No								
C. LANDFILL GAS UTILIZATION									
Current Utilization:									
Utilization Syster	n Status:	Unknown							
Utilization Syster		Unknown							
Utilization Syster	n Start Year:								
Electric Utility Provider(s): Texas Utilities									
Natural Gas Provider(s): Lonestar Gas									
Energy Purchaser	r(s):	Texas Utiliti	es, Lone Star Gas						
		T71			O.D.	D' II D' II D' II	,		
Capacity:		Electrici	ty Generation Project (MV	W)	OR	Direct Use Project (mmBtu/h	r)		
Estimated Potenti				3			25		
Current Capacity:									
Planned Capacity	:								
Utilities in County:		1							
		D. ENVII	RONMENTAL BENEFI	TS OF UT	ILIZATION				
			Pote	ential		Current			
Methane Reduction (to	ons/yr):				4,678		0		
CO2 Equivalent of CH	4 Reduction (to	ns/yr):			98,230		0		
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity Gener			Direct Use Projec			
			CO2 (tons/yr)	SO2 (to			02 (tons/yr)		
		Coal:	19,732		125	14,086	128		
		Fuel Oil:	16,195		104	11,561	67		
	N	atural Gas:	10,890		0	7,774	0		
			E. CONTACT INFOR	RMATION					
		Landfill	Owner			Landfill Operator			
Contact Name:	Stephen Shutt			Step	hen Shutt				
Mailing Address:	P.O. Box 912			P.O.	Box 912				
Phone Number:	915-728-3464			915-	728-3464				
Fax Number:									



			Dallas-Fort Worth L	F			Landfill Cates	gory:	Current	
		A. G	ENERAL LANDFILL INFO		ION			-		
Landfill Owner:	Waste I	Management, Inc	c. Annu	al Accept	ance Rate (tons):			939,956	
Landfill Owner Type:	Private	-		ear Annual Acceptance Rate Reported:				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Alternative Landfill N				Design Capacity (tons):						
City:	Lewisv	ille	-	Acres Currently Landfilled (acres):				329		
County:	Denton			Average Depth (feet):					60	
State:	TX				-Place (ton:	s):		11	1,563,446	
Year Open:	1980				Place (tons	*			1,563,446	
Year Closed:	2025		1,,,0	,, aste 111	1 1000 (1011)	.,,•			1,000,110	
Tom Closed.		I	B. LANDFILL GAS COLLI	ECTION						
Estimated Methane Ge	neration (mmsc	f/d):		3.38						
LFG Collection System	n Status:		Operation	onal						
Current LFG Collected	l (mmscf/d):			2.1						
Collection and Treatm	ent System Requ	uired Under NSP	PS/EG:	Yes						
			C. LANDFILL GAS UTILIZ	ZATION						
Current Utilization:										
Utilization Syster	n Status:	Operational								
Utilization System		Medium Btu								
Utilization System		1992								
•	Electric Utility Provider(s):									
Natural Gas Prov										
Energy Purchaser(s): Texas Utilities Electric Co										
Energy i dichasei	(3).	rexas etinti	es Electric Co							
Capacity:		Electrici	ty Generation Project (MW)	C	R	Direct Use	e Project (mml	3tu/hr)		
Estimated Potent	al Capacity:			11					106	
Current Capacity:				6.4					44	
Planned Capacity	:									
Utilities in County:		Cooke Coun	ty Elec Coop Assn; Denton C	ounty Ele	ec Coop Inc	:: Denton M	un Utilities: Fl	EC Ele	ectric C	
Cumues in County.			RONMENTAL BENEFITS							
		D. LIVII			2122111011		Currer	. 4		
Madama Dadaadaa (4)			Potentia	u	10.517		Currer	It	9.004	
Methane Reduction (to	• '	()		,	19,517				8,094	
CO2 Equivalent of CH	4 Reduction (to)	ns/yr):		4	109,849				169,978	
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity Generation	on Projec	t		Direct Use P	roject		
	•		CO2 (tons/yr)	SO2 (ton		CO2	(tons/yr)	-	2 (tons/yr)	
		Coal:	82,874		524		58,772		535	
		Fuel Oil:	68,019		438		48,237		281	
	N.	atural Gas:	45,737		0		32,435		0	
	IV	anuran Gas.		TION			32,433		0	
		Landfill (E. CONTACT INFORMA	TION		I andfill	Operator			
Contact Name:		Landini	J W HCI		D .	Landini	Орегатог			
Contact Name:	John Bernat			Daryl	Bennet					
Mailing Address:	1600 Waste M	anagement Blvd.								
Phone Number:	214 215 5451			214.2	15 5401					
	214-315-5451			214-3	15-5421					
Fax Number:										



			Elliot LF			Landfill Categor	ry: Current
		A. G	ENERAL LANDFILL	INFORMAT	ON		
Landfill Owner: Landfill Owner Type:	Public	Corpus Christi	Ŋ	ear Annual A	ance Rate (ton		423,948 1998
Alternative Landfill N		CI : .:		Design Capacity (tons): Acres Currently Landfilled (acres):			
City:	Corpus				•	cres):	65
County:	Nueces			Average Depth			65 5 206 400
State:	TX 1072				-Place (tons):		5,306,400
Year Open: Year Closed:	1972 2000		1	998 Waste-in	·Piace (tons):		5,306,400
Teal Closed.	2000	I	B. LANDFILL GAS CO	LLECTION			
Estimated Methane Ge	maration (mmsa		2.121 122 0.15 0.0	1.78			
LFG Collection System		<i>γα)</i> .		1.70			
Current LFG Collected				4.1			
Collection and Treatm		uired Under NSP	S/FG:	No			
Concetion and Treatm	ent System Requ		C. LANDFILL GAS UT				
Current Utilization:							
Utilization System	n Statue	Operational					
Utilization System		Reciprocatin	σ Fngine				
Utilization System		Reciprocatin	g Eligilic				
Electric Utility Pr							
Natural Gas Prov							
Energy Purchase	* *	City of Corn	us Christi - Greenwood V	WWTP			
Znergy r uremuser	.(0)•	ony or corp		,, ,, 11			
Capacity:		Electricit	y Generation Project (M	(W) C	DR D	rirect Use Project (mmBtu	ı/hr)
Estimated Potent	ial Capacity:			6			56
Current Capacity	:			6.0			85
Planned Capacity	:						
Utilities in County:		Central Pow	er & Light Company; Nu	ieces Electric	Coop Inc; Rob	stown Utility System; San	n Patricio E
		D. ENVIR	ONMENTAL BENEF	ITS OF UTII	IZATION		
			Poi	tential		Current	
Methane Reduction (to	ons/yr):				10,264		15,803
CO2 Equivalent of CH	14 Reduction (to	ns/yr):		2	215,538		331,863
Emissions Avoided by	Fossil Fuel Diss	la a am ant:	Electricity Gene	nation Project	4	Direct Use Proj	inat
Emissions Avoided by	rossii ruei Disp	насетені.	CO2 (tons/yr)	SO2 (tor		·	SO2 (tons/yr)
				502 (10h		· · · · · · · · · · · · · · · · · · ·	
		Coal:	43,410		274	30,908	281
		Fuel Oil:	35,629		229	25,368	148
	N	atural Gas:	23,958		0	17,058	0
			E. CONTACT INFO	RMATION			
		Landfill (Owner			Landfill Operator	
Contact Name:	Joe West, Solid	d Waste Planner		Merlii	C Long, Joe V	West	
Mailing Address:	P.O. Box 9277		P.O. Box 9277				
Phone Number:	512 000 2000			510.0	57 1622		
	512-880-3000			312-8	57-1633		
Fax Number:							
* Itallicized indicates v	values estimated	by EPA.	Dec	cember 5, 199	8	State: TX Pa	ge: 38

^{*} Itallicized indicates values estimated by EPA.

Fort Worth Regional LF Landfill Category: Candidate A. GENERAL LANDFILL INFORMATION Landfill Owner: Waste Management Inc Annual Acceptance Rate (tons): 607,750 Landfill Owner Type: Private Year Annual Acceptance Rate Reported: 1994 Alternative Landfill Name: Fort Worth/Westside LF Design Capacity (tons): City: Fort Worth Acres Currently Landfilled (acres): County: Parker Average Depth (feet): State: TXWaste-in-Place (tons): 1,823,250 Year Open: 1994 1998 Waste-in-Place (tons): 3,038,750 Year Closed: 2007 **B. LANDFILL GAS COLLECTION** Estimated Methane Generation (mmscf/d): 1.20 LFG Collection System Status: Current LFG Collected (mmscf/d): Collection and Treatment System Required Under NSPS/EG: No C. LANDFILL GAS UTILIZATION Current Utilization: **Utilization System Status:** Unknown Utilization System Type: Unknown Utilization System Start Year: Electric Utility Provider(s): Natural Gas Provider(s): Energy Purchaser(s): Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr) Estimated Potential Capacity: 4 37 Current Capacity: Planned Capacity: Denton County Elec Coop Inc; Johnson County Elec Coop Assn; Southwestern Power Admin; Texas U Utilities in County: D. ENVIRONMENTAL BENEFITS OF UTILIZATION Potential Current Methane Reduction (tons/yr): 6.910 0 CO2 Equivalent of CH4 Reduction (tons/yr): 145,116 0 Emissions Avoided by Fossil Fuel Displacement: Electricity Generation Project Direct Use Project CO2 (tons/yr) SO2 (tons/yr) CO2 (tons/yr) SO2 (tons/yr) Coal: 29,203 185 20,810 189 Fuel Oil: 100 23,969 154 17,080 Natural Gas: 0 0 16,117 11,485 E. CONTACT INFORMATION Landfill Owner Landfill Operator Contact Name: Lynn Lantrip Gary Hicks 1320 Greenway Drive 3500 Linkcrest Drive

Mailing Address:

1320 Greenway Drive
Suite 900

Phone Number:

972-319-3900

940-244-3500

Fax Number:

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^{*} Itallicized indicates values estimated by EPA.

			Galveston County	· LF		Landfill Cate	gory: Candida	late
		A. G	ENERAL LANDFILL IN	FORMAT	ION			
Landfill Owner:	BFI		An	nual Accept	tance Rate (to	ons):	575,62	26
Landfill Owner Type:	Private		Ye	Year Annual Acceptance Rate Reported:				98
Alternative Landfill N	lame:		De	Design Capacity (tons):				
City:	Galvest	con	Ac	res Currentl	y Landfilled	(acres):	28	37
County:	Galvest	con	Av	erage Depth	(feet):		6	66
State:	TX		19	98 Waste-ir	n-Place (tons)):	6,618,31	19
Year Open:	1973		199	98 Waste-in	-Place (tons)	:	6,618,31	19
Year Closed:	2025							
]	B. LANDFILL GAS COL	LECTION				
Estimated Methane G	eneration (mmsc	f/d):		2.11				
LFG Collection Syste	m Status:							
Current LFG Collecte	d (mmscf/d):							
Collection and Treatm	nent System Requ	uired Under NSI	PS/EG:	No				
		1	C. LANDFILL GAS UTII	LIZATION				
Current Utilization:								
Utilization Syste	m Status:	Unknown						
Utilization Syste	m Type:	Unknown						
Utilization Syste	m Start Year:							
Electric Utility P	rovider(s):							
Natural Gas Prov	vider(s):							
Energy Purchase	r(s):							
Conscitu		Electrici	ty Congration Project (MW	n ()R	Direct Hea Project (mm	Dtu/be)	
Capacity:		Electrici	ty Generation Project (MW)K	Direct Use Project (mm	<u> </u>	
Estimated Potent				7			66	
Current Capacity								
Planned Capacity	/ :							
Utilities in County:		Gulf States	Utilities Company; Houston	n Lighting &	Power Co;	Southwestern Power Ad	min; Texas-N	
•			RONMENTAL BENEFIT					
			Poter			Curre	nt	
 Methane Reduction (to	ons/vr):		1 Oler	ιιιαι	12,204	Curre		0
CO2 Equivalent of CH	= '	ache).		,	256,278			0
CO2 Equivalent of CI	14 Reduction (to	us/ yr).			230,276			
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity Genera	ation Projec	rt	Direct Use P	Project	
			CO2 (tons/yr)	SO2 (tor	ıs/yr)	CO2 (tons/yr)	SO2 (tons/y	r)
		Coal:	52,092		329	36,750	33	34
		Fuel Oil:			275			
			42,755		213	30,163	17	70
	N	atural Gas:	28,749		0	20,282		0
			E. CONTACT INFORM	MATION				
		Landfill	Owner			Landfill Operator		
Contact Name:	John Bean			Richa	rd Coon			
Mailing Address:	757 N. Eldridg	e						
Training Fiduless.	PO Box 3151	•						
Phone Number:				712	75 (101			
	281-870-7450			/13-6	75-6101			
Fax Number:								

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* Itallicized indicates values estimated by EPA. December 5, 1998



			Garbage Gobbler/Cove			Landfill Category:	Current	
		A. Gl	ENERAL LANDFILL	INFORMAT	ION			
Landfill Owner:	Waste	Management, Inc	. ————————————————————————————————————	Annual Accep	tance Rate (t	tons):	983,834	
Landfill Owner Type:	Private		Ŋ	Year Annual A	ear Annual Acceptance Rate Reported:			
Alternative Landfill N	ame: Nelson	Gardens LF	I	Design Capaci	sign Capacity (tons):			
City:	San An	itonio	A	Acres Currentl	y Landfilled	l (acres):	244	
County:	Bexar		A	Average Depth	n (feet):		100	
State:	TX			1998 Waste-ii	n-Place (tons	s):	3,728,209	
Year Open:	1991		1	998 Waste-in	-Place (tons	r):	3,728,209	
Year Closed:	2004							
		E	. LANDFILL GAS CO	LLECTION				
Estimated Methane Ge	eneration (mmsc	f/d):		1.37				
LFG Collection System	m Status:		Planned					
Current LFG Collected	d (mmscf/d):			5.0				
Collection and Treatm	ent System Req			No				
		(C. LANDFILL GAS UT	TILIZATION	I			
Current Utilization:								
Utilization System	m Status:	Construction						
Utilization System	n Type:	High Btu						
Utilization System	n Start Year:	1998						
Electric Utility Pr	rovider(s):							
Natural Gas Prov	ider(s):							
Energy Purchaser	r(s):	Standard Ind	ustries and/or City Publi	c Servic				
Capacity:		Flectricit	y Generation Project (M	W) ()R	Direct Use Project (mmBtu/h	r)	
		Electricit	y Generation Project (W			Direct Osc 110ject (illilibtu/li		
Estimated Potent				4			43	
Current Capacity								
Planned Capacity	7:						104	
Utilities in County:		Bandera Elec	tric Coop Inc; Karnes E	lectric Coop I	nc; Nueces l	Electric Coop Inc; San Antonio	City Pu	
		D. ENVIR	ONMENTAL BENEF	ITS OF UTII	LIZATION			
			Po	tential		Current		
Methane Reduction (to	ons/yr):				7,930		19,272	
CO2 Equivalent of CH	I4 Reduction (to	ns/yr):			166,528		404,712	
Emissions Avoided by	Fossil Fuel Disp	placement:	Electricity Gene	_		Direct Use Projec		
i			CO2 (tons/yr)	SO2 (to	ıs/yr)	CO2 (tons/yr) SO	02 (tons/yr)	
		Coal:	33,939		215	23,880	217	
		Fuel Oil:	27,856		179	19,599	114	
l	Λ	latural Gas:	18,730		0	13,179	0	
			E. CONTACT INFO	RMATION		,		
		Landfill (Landfill Operator		
Contact Name:	Wendy Petty			Lawre	ence R Cohn	1		
Mailing Address.		D.::		(02.1	1 C44			
Mailing Address:	1320 Greenwa	-		1	eal Street			
Suite 1000 WMI South-Irving S			•	PO B	ox 7778			
Phone Number:	972-550-1774			210-6	23-8800			
Fax Number:								
* Itallicized indicates v	alues estimated	by FPA	Dag	cember 5, 199	8	State: TX Page	: 41	
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			Greenville Landfill		Landfill Category:	Candidate			
		A. G	ENERAL LANDFILL INFO	RMATION	, ,				
Landfill Owner:			Аппи	l Acceptance Rate (tons):	74,937			
Landfill Owner Type:				Annual Acceptance l		1998			
Landriff Owner Type. Alternative Landfill N	ama:				Nate Reported.	1996			
City:		\ n		Design Capacity (tons): Acres Currently Landfilled (acres):					
County:	Kingsto Hunt	Ш		ge Depth (feet):	i (acies).				
-	TX			ge Depth (feet): Waste-in-Place (ton	۵).	1 470 904			
State:	17 1984					1,479,894			
Year Open: Year Closed:			1990)	Vaste-in-Place (tons	();	1,479,894			
rear Closed:	1998	T	B. LANDFILL GAS COLLE	CTION					
Estimated Methane Ge		f/d):	C	.80					
LFG Collection Syster									
Current LFG Collected									
Collection and Treatm	ent System Requ	uired Under NSF	PS/EG:	No					
			C. LANDFILL GAS UTILIZ	ATION					
Current Utilization:									
Utilization Syster	n Status:	Unknown							
Utilization Syster	п Туре:	Unknown							
Utilization Syster									
Electric Utility Pr	ovider(s):								
Natural Gas Prov	ider(s):								
Energy Purchaser	r(s):								
Capacity:		Electrici	ty Generation Project (MW)	OR	Direct Use Project (mmBtu/h	r)			
Estimated Potenti	ial Capacity:			3		25			
Current Capacity:									
Planned Capacity	:								
Utilities in County:									
		D. ENVIR	RONMENTAL BENEFITS (F UTILIZATION					
			Potentia	l	Current				
Methane Reduction (to	ons/yr):			4,605		0			
CO2 Equivalent of CH	• •	ns/vr):		96,707		0			
<i>I</i> 3									
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity Generation	n Project	Direct Use Projec	t			
			CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SC	02 (tons/yr)			
		Coal:	19,732	125	13,868	126			
		Fuel Oil:	16,195	104	11,382	66			
	N	atural Gas:	10,890	0	7,653	0			
			E. CONTACT INFORMA	TION					
		Landfill (HON	Landfill Operator				
Contact Name:		Landini	ioi	Cita Mana	Zanami Operator				
Contact Name.				Site Manager					
Mailing Address:									
Phone Number:				903-568-4100					
Fax Number:									
raa inuiiioei.									

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			Greenwood Farm	S		Landfill Category	: Candidate
		A. G	ENERAL LANDFILL IN	ORMAT	ION		
Landfill Owner:	City of	Tyler	Ann	ual Accep	tance Rate (tons):	231,169
Landfill Owner Type:	-	•		_	Acceptance Rate		1998
Alternative Landfill N				gn Capaci		•	
City:	Tyler				ly Landfilled (ac	eres):	201
County:	Smith		Ave	rage Deptl	n (feet):		70
State:	TX		199	8 Waste-ii	n-Place (tons):		2,247,294
Year Open:	1988		1998	8 Waste-in	-Place (tons):		2,247,294
Year Closed:	2001						
]	B. LANDFILL GAS COLI	ECTION			
Estimated Methane G	eneration (mmsc	f/d):		0.99			
LFG Collection System	m Status:						
Current LFG Collecte	d (mmscf/d):						
Collection and Treatm	nent System Requ	uired Under NSF	PS/EG:	No			
			C. LANDFILL GAS UTIL	IZATION	V		
Current Utilization:							
Utilization System	m Status:	Unknown					
Utilization System	m Type:	Unknown					
Utilization System	m Start Year:						
Electric Utility P	rovider(s):						
Natural Gas Prov	rider(s):						
Energy Purchases	r(s):						
Capacity:		Electrici	ty Generation Project (MW)	(OR Di	rect Use Project (mmBtu/	hr)
Estimated Potent	ial Canacity:			3			31
Current Capacity				3			31
Planned Capacity							
Utilities in County:		Cherokee Co	ounty Elec Coop Assn; Sam	Houston E	Electric Coop Inc	e; Southwestern Electric S	erv Co; S
		D. ENVII	RONMENTAL BENEFITS	OF UTII	LIZATION		
			Potent	ial		Current	
Methane Reduction (to	ons/yr):				5,740		0
CO2 Equivalent of CH	H4 Reduction (to	ns/yr):			120,538		0
Emissions Avoided by	Fossil Fuel Die	alacament:	Electricity General	ion Drain	24	Direct Use Proje	ct
Emissions Avoided by	rossu ruei Disp	насетені.	CO2 (tons/yr)	SO2 (toi		=	O2 (tons/yr)
			·	302 (101	(15/ y1)		O2 (10H3/yF)
		Coal:	24,468		155	17,285	157
		Fuel Oil:	20,082		129	14,187	83
	N	atural Gas:	13,503		0	9,539	0
			E. CONTACT INFORM	ATION			
		Landfill			I	Landfill Operator	
Contact Name:	Dan Brotton			Victor		<u> </u>	
Mailing Address:	P.O. Box 2039			PO B	ox 130702		
maining Address.	1.0. DOX 2039			100	OA 150702		
Phone Number:				903-5	66-5007		
				703-3	55 5001		
Fax Number:							
	values estimated	1 ED4	<u> </u>	bor 5 100	.0	State: TV Dag	a: 13

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Johnson County SLF Landfill Category: Candidate A. GENERAL LANDFILL INFORMATION Landfill Owner: Allied Waste Industries, Inc. Annual Acceptance Rate (tons): 255,712 Landfill Owner Type: Private Year Annual Acceptance Rate Reported: 1998 Alternative Landfill Name: Design Capacity (tons): City: Alvarado Acres Currently Landfilled (acres): County: Johnson Average Depth (feet): State: TX1998 Waste-in-Place (tons): 2,324,631 Year Open: 1983 2,324,631 1998 Waste-in-Place (tons): Year Closed: 2001 **B. LANDFILL GAS COLLECTION** 1.01 Estimated Methane Generation (mmscf/d): LFG Collection System Status: Current LFG Collected (mmscf/d): Collection and Treatment System Required Under NSPS/EG: No C. LANDFILL GAS UTILIZATION Current Utilization: **Utilization System Status:** Potential Utilization System Type: Unknown Utilization System Start Year: Electric Utility Provider(s): Natural Gas Provider(s): Energy Purchaser(s): Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr) Estimated Potential Capacity: 3 32 Current Capacity: Planned Capacity:

Utilities in County: Bartlett Electric Coop Inc; Bluebonnet Electric Coop Inc; Hill County Electric Coop; Johnson County

D. ENVIRONMENTAL BENEFITS OF UTILIZATION									
	Pote	ential	Current						
Methane Reduction (tons/yr):		5,854		0					
CO2 Equivalent of CH4 Reduction (tons/yr):		122,940		0					
Emissions Avoided by Fossil Fuel Displacement:	Electricity Gener	ration Project	Direct Use Project						
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)					
Coal:	25,257	160	17,629	160					
Fuel Oil:	20,730	133	14,469	84					
Natural Gas:	13,939	0	9,729	0					
	E. CONTACT INFOR	MATION							

Contact Name:

Mailing Address:

9100 South I-35 West

9100 South I-35 West

Phone Number:

817-783-5124

Fax Number:

Kim A Mote

9100 South I-35 West

817-790-2912

Landfill Operator

Landfill Owner

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Laidlaw Environmental SLF Landfill Category: Candidate A. GENERAL LANDFILL INFORMATION Landfill Owner: Annual Acceptance Rate (tons): 1,001,000 Landfill Owner Type: Private Year Annual Acceptance Rate Reported: 1994 Alternative Landfill Name: Design Capacity (tons): City: Columbus Acres Currently Landfilled (acres): County: Colorado Average Depth (feet): State: TXWaste-in-Place (tons): 9,009,000 Year Open: 1988 10,010,000 1998 Waste-in-Place (tons): Year Closed: 1997 **B. LANDFILL GAS COLLECTION** Estimated Methane Generation (mmscf/d): 2 98 LFG Collection System Status: Current LFG Collected (mmscf/d): Collection and Treatment System Required Under NSPS/EG: No C. LANDFILL GAS UTILIZATION Current Utilization: **Utilization System Status:** Unknown Utilization System Type: Unknown Utilization System Start Year: Electric Utility Provider(s): Natural Gas Provider(s): Energy Purchaser(s): Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr) 9 Estimated Potential Capacity: 93 Current Capacity: Planned Capacity: Bluebonnet Electric Coop Inc; Central Power & Light Company; Fayette Electric Coop Inc; Houston L Utilities in County: D. ENVIRONMENTAL BENEFITS OF UTILIZATION Potential Current Methane Reduction (tons/yr): 17,219 0 CO2 Equivalent of CH4 Reduction (tons/yr): 361,605 0 Emissions Avoided by Fossil Fuel Displacement: Electricity Generation Project Direct Use Project CO2 (tons/yr) SO2 (tons/yr) CO2 (tons/yr) SO2 (tons/yr) Coal: 73,403 464 51,854 472 Fuel Oil: 60,246 388 42,559 248 Natural Gas: 0 0 40,510 28,617 E. CONTACT INFORMATION Landfill Owner Landfill Operator Contact Name: Alice S. Obenhaus Mailing Address: 1603 Milam Road P.O. Box 19529 Phone Number: 713-467-3433

* Itallicized indicates values estimated by EPA. December 5, 1998 State: TX Page: 45



Fax Number:

			McCarty Road L	F		Landfill Category.	Current
		A. G	ENERAL LANDFILL INI		.	Zanajin Caregory.	Current
Landfill Owner:	BFI			ual Acceptanc			1,575,511
Landfill Owner Type:	Private				ptance Rate Repor	ted:	1,575,511
Alternative Landfill N				ign Capacity (t		icu.	1770
City:	Housto	n			andfilled (acres):		294
County:	Harris	11		rage Depth (fe			130
State:	TX			8 Waste-in-Pla			28,918,718
Year Open:	17 1977						28,918,718
Year Closed:	2001		1996	8 Waste-in-Pla	ice (ions):		20,910,710
Teal Closed.	2001	I	B. LANDFILL GAS COLI	ECTION			
Estimated Methane Ge	maration (mmsc			7.81			
LFG Collection System	-	<i>j/u)</i> .	Opera				
Current LFG Collected			Орега	8.0			
Collection and Treatm		uirad Undar NCE	OC/EC.	No			
Conection and Treatin	ent System Keq		C. LANDFILL GAS UTIL				
Cumant III:			C. L.II. DI ILL GAD O'IL	12/11/01			
Current Utilization:	G	0					
Utilization System		Operational					
Utilization System	• •	High Btu					
Utilization System		1986					
Electric Utility Pr							
Natural Gas Prov	* *						
Energy Purchaser	r(s):						
Capacity:		Electrici	ty Generation Project (MW)	OR	Direct U	se Project (mmBtu/h	r)
Estimated Potent	ial Capacity:			24			244
Current Capacity	1			4.0			167
Planned Capacity	:						
Utilities in County:		Central Pow	er & Light Company; Dicke	ens Electric Co	op Inc; Houston C	ounty Elec Coop Inc	; Housto
-		D. ENVIR	RONMENTAL BENEFITS	OF UTILIZA	ATION		
			Poten			Current	
 Methane Reduction (to	madur).		1 Oleni		181	Current	30,835
CO2 Equivalent of CH	• .	m a (1) m) .		948,			647,539
CO2 Equivalent of CI	4 Reduction (to	ns/yr).			809		047,339
Emissions Avoided by	Fossil Fuel Disp	placement:	Electricity General	tion Project		Direct Use Projec	rt
			CO2 (tons/yr)	SO2 (tons/yr	r) CO2	? (tons/yr) So	02 (tons/yr)
		Coal:	192,583	1,21	7	136,058	1,238
		Fuel Oil:	158,064	1,01	7	111,670	651
	λ	latural Gas:	106,284		0	75,088	1
			E. CONTACT INFORM				
		Landfill (Landfi	ll Operator	
Contact Name:	John Bean					•	
Mailing Address:	11013 Beaumo	ont Highway		11013 Be	aumont Highway		
Phone Number:				713-671-1	1550		
Fax Number:				,13 0/1-1			
1 ax inullioei.							



Landfill Category: Mesquite Sanitary Landfill Candidate A. GENERAL LANDFILL INFORMATION Landfill Owner: Allied Waste Industries, Inc. Annual Acceptance Rate (tons): 244,373 Landfill Owner Type: Private Year Annual Acceptance Rate Reported: 1998 Alternative Landfill Name: Design Capacity (tons): City: Dallas Acres Currently Landfilled (acres): County: Dallas Average Depth (feet): State: TX1998 Waste-in-Place (tons): 4,692,025 Year Open: 1977 1998 Waste-in-Place (tons): 4,692,025 Year Closed: 2076 **B. LANDFILL GAS COLLECTION** Estimated Methane Generation (mmscf/d): 1.62 LFG Collection System Status: Current LFG Collected (mmscf/d): Collection and Treatment System Required Under NSPS/EG: No C. LANDFILL GAS UTILIZATION Current Utilization: **Utilization System Status:** Potential Utilization System Type: Unknown Utilization System Start Year: Electric Utility Provider(s): Natural Gas Provider(s): Energy Purchaser(s): Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr) Estimated Potential Capacity: 5 51 Current Capacity: Planned Capacity: Denton County Elec Coop Inc; FEC Electric Cooperative; Garland Power & Light System; Hill Count Utilities in County: D. ENVIRONMENTAL BENEFITS OF UTILIZATION Potential Current Methane Reduction (tons/yr): 9,355 0 CO2 Equivalent of CH4 Reduction (tons/yr): 196,459 0 Emissions Avoided by Fossil Fuel Displacement: Electricity Generation Project Direct Use Project CO2 (tons/yr) SO2 (tons/yr) CO2 (tons/yr) SO2 (tons/yr) Coal: 40,253 254 28,172 256 Fuel Oil: 33,038 213 23,122 135 Natural Gas: 22.215 0 15,548 0 E. CONTACT INFORMATION Landfill Owner Landfill Operator Contact Name: Billy Nova Kim A Mote Mailing Address: 11340 CF Hawn Freeway 11340 CF Hawn Freeway Phone Number: 972-286-1266 972-286-1266 Fax Number:

* Itallicized indicates values estimated by EPA. December 5, 1998 State: TX

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			North Texas Waste/	Maxwell Creek I	F	Landfill Cat	egory: Candidate
		A. G	ENERAL LANDFI	LL INFORMA	ΓΙΟΝ		
Landfill Owner:	North 7	Texas Municipal	Water District	Annual Acce	ptance Rate	(tons):	15,265
Landfill Owner Type:	Public			Year Annual	Acceptance	Rate Reported:	1998
Alternative Landfill N	lame:			Design Capa	city (tons):		
City:	Plano			Acres Curren	tly Landfille	ed (acres):	
County:	Collin			Average Dep	th (feet):		
State:	TX			1998 Waste-	in-Place (tor	ns):	6,064,067
Year Open:	1975			1998 Waste-i	n-Place (ton	as):	6,064,067
Year Closed:	2001						
]	B. LANDFILL GAS	COLLECTIO	N		
Estimated Methane G	eneration (mmsc	f/d):		1.97			
LFG Collection System	m Status:						
Current LFG Collecte	d (mmscf/d):						
Collection and Treatm	nent System Requ	uired Under NSF	PS/EG:	No			
			C. LANDFILL GAS	S UTILIZATIO	N		
Current Utilization:							
Utilization System	m Status:	Unknown					
Utilization System		Unknown					
Utilization System							
Electric Utility P							
Natural Gas Prov							
Energy Purchase	* *						
Energy Turchase.	1(3).						
Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)						nBtu/hr)	
Estimated Potent	ial Capacity:			6			62
Current Capacity	:						
Planned Capacity	/ :						
Utilities in County:		Cap Rock E	ectric Coop Inc; De	nton County Elec	Coop Inc; I	Fannin County Electric Co	oop; Farmersvil
•			RONMENTAL BEN			<u> </u>	
		D. LIVII	COTVINIE TELE		LIZITIO		
M. J. D. J. J. J.	()			Potential	11 204	Curre	
Methane Reduction (to	• '				11,384		0
CO2 Equivalent of CH	14 Reduction (to	ns/yr):			239,066		0
Emissions Avoided by	Fossil Fuel Disi	placement:	Electricity	Generation Proje	ect	Direct Use	Project
2	1 ossii 1 iici 2 isp	, race enterm	CO2 (tons/yi	=		CO2 (tons/yr)	SO2 (tons/yr)
		C = I	, ,			, , ,	
		Coal:	48,93	33	309	34,282	312
		Fuel Oil:	40,10	54	259	28,137	164
	N	latural Gas:	27,00)7	0	18,920	0
			E. CONTACT IN	FORMATION			
		Landfill	Owner			Landfill Operator	
Contact Name:				Davi	d H Canup		
Moiling Add.	DO B 2400				_		
Mailing Address:	P.O. Box 2408	•		P.O.	Box 2408		
Phone Number:	214 442 5404			01.4	140 5405		
I HORE INHIBUTE.	214-442-5404			214-	442-5405		
Fax Number:							
	<u> </u>						

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			D. 11.11 E						
		A G	Pine Hill LF ENERAL LANDFILL INF	ORMATION	Landfill Car	tegory: Candidate			
Landfill Owner:		Waste Industries		ual Acceptance Rate		246,172			
Landfill Owner Type:	Private			Annual Acceptance	Rate Reported:	1998			
Alternative Landfill N				Design Capacity (tons): 9,000,000 Acres Currently Landfilled (acres): 69					
City:	Longvi	ew							
County:	Gregg			Average Depth (feet):					
State:	TX			8 Waste-in-Place (tor		11,250,000			
Year Open: Year Closed:	1982 2010		1990	3 Waste-in-Place (ton	(S):	11,250,000			
rear Closed:	2010]	B. LANDFILL GAS COLI	ECTION					
Estimated Methane Ge	eneration (mmsc			3.30					
LFG Collection Syster		,,							
Current LFG Collected									
Collection and Treatm	ent System Requ	uired Under NSF	PS/EG:	Yes					
			C. LANDFILL GAS UTIL	IZATION					
Current Utilization:									
Utilization Syster	n Status:	Potential							
Utilization Syster		Unknown							
Utilization Syster									
Electric Utility Pr	ovider(s):								
Natural Gas Provider(s):									
Energy Purchaser	r(s):								
Compository		Elastrisi	try Compution Ducinet (MW)	OR	Direct Hee Project (mar	Dtu/hm)			
Capacity:		Electrici	ty Generation Project (MW)		Direct Use Project (mr				
Estimated Potenti				10		103			
Current Capacity:									
Planned Capacity	:								
Utilities in County:		Gulf States V	Utilities Company; Liberty M	Iuni Electric Sys; Ru	sk County Electric Coop	Inc; Sam Hous			
		D. ENVII	RONMENTAL BENEFITS	OF UTILIZATION	1				
			Potent	ial	Curr	rent			
Methane Reduction (to	ons/yr):			19,053		0			
CO2 Equivalent of CH	4 Reduction (to	ns/yr):		400,113		0			
F: - 1 - 1 - 1 - 1 1 - 1	E: LE LD:	-1	Electricity Comme	ton Donatory	Direct Hea	During			
Emissions Avoided by	rossii ruei Disp	насетені:	Electricity Generai CO2 (tons/yr)	SO2 (tons/yr)	Direct Use CO2 (tons/yr)	SO2 (tons/yr)			
		Coal:	81,295	502 (<i>tons/yr</i>)	57,376	522 (10115/91)			
					,				
		Fuel Oil:	66,724	430	47,091	274			
	N	atural Gas:	44,866	0	31,665	0			
		I 4C:11	E. CONTACT INFORM	ATION	I ICII Ot				
C + N		Landfill	Owner		Landfill Operator				
Contact Name:	Victor Crane			Wess Harwell					
Mailing Address:	P.O. Box 1307	02		P.O. Box 130702	2				
Phone Number:	512-566-5024			903-984-3922					
Fax Number:									
rax muniber.									



			Royal Oak			Landfill Cate	gory:	Candidate
		A. G	ENERAL LANDFILL I	NFORMAT	ION			
Landfill Owner:	City of	Jacksonville	A	nnual Accep	tance Rate (to	ons):		73,000
Landfill Owner Type:	Public		Y	ear Annual A	Acceptance Ra	ate Reported:		1998
Alternative Landfill N	ame:		D	esign Capaci	ty (tons):			
City:	Jacksor	nville	A	cres Current	ly Landfilled	(acres):		144
County:	Cherok	ee	A	verage Deptl	n (feet):			100
State:	TX		1	998 Waste-ii	n-Place (tons)	:		720,000
Year Open:	1983		1	998 Waste-in	-Place (tons).	:		720,000
Year Closed:	2030							
]	B. LANDFILL GAS CO	LLECTION				
Estimated Methane Ge	eneration (mmsc	f/d):		0.25				
LFG Collection Syster	n Status:							
Current LFG Collected								
Collection and Treatm		uired Under NSF	PS/EG:	No				
	J 1		C. LANDFILL GAS UT	ILIZATION	1			
Current Utilization:								
Utilization Syster	n Status:	Potential						
Utilization Syster		Unknown						
Utilization Syster		Cimilo III						
Electric Utility Pr								
Natural Gas Prov								
Energy Purchaser	` '	Western Litl	notec (Printing)					
Capacity:		Electrici	ty Generation Project (M	W) (OR	Direct Use Project (mm	Btu/hr)	
Estimated Potenti	ial Capacity:			1				8
Current Capacity:	:							
Planned Capacity	:							
Utilities in County:								
		D. ENVII	RONMENTAL BENEFI	TS OF UTI	LIZATION			
			Pot	ential		Curre	nt	
Methane Reduction (to	ons/yr):				1,471			0
CO2 Equivalent of CH		ns/yr):			30,893			0
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity Gene	_		Direct Use F		
			CO2 (tons/yr)	SO2 (to	ns/yr)	CO2 (tons/yr)	SO2	(tons/yr)
		Coal:	6,314		40	4,430		40
		Fuel Oil:	5,182		33	3,636		21
	N	latural Gas:	3,485		0	2,445		0
		ann an Gas.	E. CONTACT INFOR	MATION		2,113		
		Landfill		WIATION		Landfill Operator		
Contact Name:	Mike Estes	Zunum		Eric N	Maad			
	white Estes							
Mailing Address:				Heath	Lane			
Phone Number:				(0.02)	004.0621			
i none muniber.				(903)	984-8621			
Fax Number:								
* Itallicized indicates v	by EDA	Dao	ember 5 199	10	State: TX	Page:	50	

^{*} Itallicized indicates values estimated by EPA.

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		A (1)	Sanifill Of Texas-E	-		Landfill Ca	tegory: Candidate
			ENERAL LANDFILL				
Landfill Owner:	Waste 1	Management of 7			Acceptance Rate (225,555
Landfill Owner Type:	Private				nual Acceptance	Rate Reported:	1998
Alternative Landfill Na	ame:			Design C	Capacity (tons):		
City:	Baytow	'n		Acres Currently Landfilled (acres):			
County:	Chamb	ers		Average	Depth (feet):	40	
State:	TX			1998 W	aste-in-Place (ton	ns):	5,142,461
Year Open:	1983			1998 Wa	1998 Waste-in-Place (tons):		
Year Closed:	2013						
		I	B. LANDFILL GAS CO	OLLEC	ΓΙΟΝ		
Estimated Methane Ge	neration (mmsc	f/d):		1.7	3		
LFG Collection System	n Status:						
Current LFG Collected	l (mmscf/d):						
Collection and Treatme		uired Under NSF	S/EG:	Ye	es		
			C. LANDFILL GAS U	TILIZA	TION		
C TIVII							
Current Utilization:	G	** 1					
Utilization System		Unknown					
Utilization System		Unknown					
Utilization System							
Electric Utility Provider(s): Texas Utili			es				
Natural Gas Provider(s):							
Energy Purchaser(s): Industrial Park							
Capacity:		Electrici	ty Generation Project (N	ИW)	OR	Direct Use Project (m	mBtu/hr)
Estimated Potenti	ial Canacity:			5			54
Current Capacity:				3			54
Planned Capacity							
Trainied Capacity	•						
Utilities in County:							
		D. ENVIE	CONMENTAL BENEI	FITS OF	UTILIZATION	1	
			Po	otential		Curr	rent
Methane Reduction (to	ons/yr):				10,021		0
CO2 Equivalent of CH	4 Reduction (to	ns/yr):			210,447		0
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity Ger		ū	Direct Use	·
			CO2 (tons/yr)	SC	02 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
		Coal:	42,621		269	30,178	275
		Fuel Oil:	34,981		225	24,769	144
	N	atural Gas:	23,522		0	16,655	0
			E. CONTACT INFO	RMATI	ON		
		Landfill (Owner			Landfill Operator	
Contact Name:	Diana Henk, C	ompliance Mana	ger		Diana Henk		
Mailing Address:	3623 Wilson R	-			3623 Wilson Roa	nd	
Maining Address.	JUZJ WIISUII K	wau			2022 WHSUH KU	iu	
Phone Number:	281-922-0012				281-922-0012		



Fax Number:

			Skyline LF		Landfill C	Category: Candidate			
		A. G	ENERAL LANDFILL INFO	ORMATION	Lanajiii C	alegory. Calididate			
Landfill Owner:	WMI			al Acceptance R	ata (tans):	200,000			
Landfill Owner Type:				•	nce Rate Reported:	200,000			
Alternative Landfill N				gn Capacity (tons	-	104,000,000			
City:	Ferris			s Currently Land		363			
County:	Ellis			age Depth (feet):		130			
State:	TX			Waste-in-Place		28,200,000			
Year Open:	1987			Waste-in-Place		28,200,000			
Year Closed:	2040		1770	waste in Tiace	(tons).	20,200,000			
Tear Croseer			B. LANDFILL GAS COLLI	ECTION					
Estimated Methane G	eneration (mmsc	·f/d)·		7.63					
LFG Collection Syste		<i>j, u)</i> .		7.03					
Current LFG Collecte									
Collection and Treatn		uired Under NS	PS/EG:	Yes					
	<u> </u>		C. LANDFILL GAS UTILI	ZATION					
Current Utilization:									
Utilization Syste	m Status:	Unknown							
Utilization Syste		Unknown							
_	Utilization System Start Year:								
Electric Utility P									
Natural Gas Provider(s):									
Energy Purchaser(s): Local Pipeline near LF									
Capacity:		Electric	ity Generation Project (MW)	OR	Direct Use Project (r				
Estimated Poten				24		239			
Current Capacity									
Planned Capacity	y:		2	0.8		0			
Utilities in County:		Denton Cou	nty Elec Coop Inc; FEC Elect	tric Cooperative;	Garland Power & Light Sy	ystem; Hill Count			
		D. ENVI	RONMENTAL BENEFITS	OF UTILIZAT	ION				
			Potentio	al	Cu	ırrent			
 Methane Reduction (t	ons/yr):			44,119		0			
CO2 Equivalent of CI	• '	ns/yr):		926,491		0			
-									
Emissions Avoided by	Fossil Fuel Disp	placement:	Electricity Generation	=	Direct Us	-			
			CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)			
		Coal:	187,848	1,187	132,857	1,209			
		Fuel Oil:	154,177	992	109,043	636			
	N	latural Gas:	103,671	0	73,322	1			
			E. CONTACT INFORMA	ATION					
		Landfill	Owner		Landfill Operator				
Contact Name:	Niel Mohr			John Bernat, Site Manager					
Mailing Address:	1320 Greenwa				ral				
Training Fractions.	Suite 900	, 21110		120111. COM	va •••				
Phone Number:				072 942 571	0				
	214-550-1774			972-842-5710	U				
Fax Number:									

^{*} Itallicized indicates values estimated by EPA.

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			Southwest LF		Landfill Cate	gory: Candidate		
		A. G	ENERAL LANDFILL INI					
Landfill Owner:	BFI			ual Acceptance Rate		300,000		
Landfill Owner Type:	Private			Year Annual Acceptance Rate Reported: 19				
Alternative Landfill N				gn Capacity (tons):				
City:	Canyon			s Currently Landfille	ed (acres):	100		
County:	Randal			rage Depth (feet):		90		
State:	TX			8 Waste-in-Place (tor	<i>'</i>	2,760,000		
Year Open:	1987		1996	3 Waste-in-Place (ton	(s):	2,760,000		
Year Closed:	2025	1	B. LANDFILL GAS COLI	ECTION				
			B. LANDFILL GAS COLI					
Estimated Methane Ge		f/d):		1.12				
LFG Collection System								
Current LFG Collected								
Collection and Treatm	ent System Requ			No				
			C. LANDFILL GAS UTIL	IZATION				
Current Utilization:								
Utilization Syster		Unknown						
Utilization System Type: Unknown								
Utilization Syster								
Electric Utility Pr								
Natural Gas Provider(s):								
Energy Purchaser	Energy Purchaser(s):							
Capacity:		Electrici	ty Generation Project (MW)	OR	Direct Use Project (mm	Btu/hr)		
Estimated Potenti	ial Capacity:			4		35		
Current Capacity:								
Planned Capacity								
Utilities in County:								
		D. ENVII	RONMENTAL BENEFITS	OF UTILIZATION	J			
			Potent		Curre	nt		
Methane Reduction (to	ons/vr)·		1 oteni	6,498	Curre	0		
CO2 Equivalent of CH	- ·	15/vr):		136,460		0		
E C D Equivalent of CII	Treament (101			130,100				
Emissions Avoided by	Fossil Fuel Disp	placement:	Electricity General	ion Project	Direct Use F	Project		
			CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)		
		Coal:	27,625	175	19,568	178		
		Fuel Oil:	22,673	146	16,061	94		
	N	atural Gas:	15,246	0	10,799	0		
			E. CONTACT INFORM	ATION				
		Landfill	Owner		Landfill Operator			
Contact Name:	John Bean			Mark Severtson				
Mailing Address:	757 N. Eldridg	e						
maning riddiess.	PO Box 3151	•						
Phone Number:	281-870-7450			972-225-0952				
Fax Number:								
raa muiiidei.								



Sprint Fort Bend County LF Landfill Category: Candidate A. GENERAL LANDFILL INFORMATION Landfill Owner: Sprint Fort Bend County Annual Acceptance Rate (tons): 169,406 Landfill Owner Type: Private Year Annual Acceptance Rate Reported: 1998 Alternative Landfill Name: Design Capacity (tons): City: Houston Acres Currently Landfilled (acres): County: Fort Bend Average Depth (feet): State: TX1998 Waste-in-Place (tons): 1,664,372 Year Open: 1981 1998 Waste-in-Place (tons): 1,664,372 Year Closed: 2020 **B. LANDFILL GAS COLLECTION** 0.84 Estimated Methane Generation (mmscf/d): LFG Collection System Status: Current LFG Collected (mmscf/d): Collection and Treatment System Required Under NSPS/EG: No C. LANDFILL GAS UTILIZATION Current Utilization:

Utilization System Status: Unknown Utilization System Type: Unknown

Utilization System Start Year:

Electric Utility Provider(s): Houston Light & Power

Natural Gas Provider(s): Energy Purchaser(s):

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr) Estimated Potential Capacity: 3 26 Current Capacity: Planned Capacity:

Utilities in County:

D. ENVIRONMENTAL BENEFITS OF UTILIZATION										
	Pote	ential	Current							
Methane Reduction (tons/yr):		4,878		0						
CO2 Equivalent of CH4 Reduction (tons/yr):		102,436		0						
Emissions Avoided by Fossil Fuel Displacement:	Electricity Gener	ration Project	Direct Use Project							
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)						
Coal:	20,521	130	14,689	134						
Fuel Oil:	16,843	108	12,056	70						
Natural Gas:	11,325	0	8,107	0						
	E. CONTACT INFOR	MATION								

	Landfill Owner	Landfill Operator		
Contact Name:	Donald Poarch	Donald L Poarch		
Mailing Address:	1041 Conrad Sauer	1041 Conrad Sauer		
Phone Number:	713-984-1473	713-984-1473		



Landfill Category: Sprint LF Candidate A. GENERAL LANDFILL INFORMATION Landfill Owner: Laidlaw Waste Systems Inc. Annual Acceptance Rate (tons): 171,600 Landfill Owner Type: Private Year Annual Acceptance Rate Reported: 1994 Alternative Landfill Name: Sprint Waste Disposal Company LF Design Capacity (tons): City: Sugarland Acres Currently Landfilled (acres): County: Harris Average Depth (feet): State: TXWaste-in-Place (tons): 1,716,000 Year Open: 1987 1998 Waste-in-Place (tons): 2,059,200 Year Closed: 2001 **B. LANDFILL GAS COLLECTION** 0.94 Estimated Methane Generation (mmscf/d): LFG Collection System Status: Current LFG Collected (mmscf/d): Collection and Treatment System Required Under NSPS/EG: No C. LANDFILL GAS UTILIZATION Current Utilization: **Utilization System Status:** Unknown Utilization System Type: Unknown Utilization System Start Year: Electric Utility Provider(s): Natural Gas Provider(s): Energy Purchaser(s): Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr) Estimated Potential Capacity: 3 30 Current Capacity: Planned Capacity: Central Power & Light Company; Houston Lighting & Power Co; Southwestern Power Admin Utilities in County: D. ENVIRONMENTAL BENEFITS OF UTILIZATION Potential Current Methane Reduction (tons/yr): 5,462 0 CO2 Equivalent of CH4 Reduction (tons/yr): 114,698 0 Emissions Avoided by Fossil Fuel Displacement: Electricity Generation Project Direct Use Project CO2 (tons/yr) SO2 (tons/yr) CO2 (tons/yr) SO2 (tons/yr) Coal: 23,678 150 16,447 150 Fuel Oil: 79 19,434 125 13,499 Natural Gas: 0 0 13.068 9.077 E. CONTACT INFORMATION Landfill Owner Landfill Operator Contact Name: Jill Swinbank Jill Swinbank Mailing Address: 1123 Lumpkin Road 1123 Lumpkin Road PO Box 19129 (77224) PO Box 19129 (77224) Phone Number: 713-467-3433 713-467-3433

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Fax Number:

			Sunset Farms-Au	ıstin LF		Landfill Catego	orv: Current
		A. G	ENERAL LANDFILL		ION	=======================================	J. Surrent
Landfill Owner:	BFI			Annual Accept	ance Rate (to	nuc).	533,097
Landfill Owner Type:	Private			Year Annual A			1998
Alternative Landfill N		ıstin LF		Design Capaci		ne Reported.	1778
City:	Austin	istiii Li		Acres Currentl	•	(acres):	276
County:	Travis			Average Depth	-	(acres).	15
State:	TX			1998 Waste-ir			2,845,301
	1981						2,845,301
Year Open: Year Closed:	2031		-	1998 Waste-in	-Piace (tons):		2,845,301
Teal Closed.	2031	1	B. LANDFILL GAS CO	OLLECTION			
Ed all d	(3,72,11,12,12,12,13,13,13,13,13,13,13,13,13,13,13,13,13,				
Estimated Methane Ge] /a):		1.15			
LFG Collection System							
Current LFG Collected		· III I NOT	NO /ELC	N.T.			
Collection and Treatm	ent System Requ			No	r		
			C. LANDFILL GAS U	IILIZATION			
Current Utilization:							
Utilization Syster		Operational					
Utilization Syster	n Type:	Reciprocatin	g Engine				
Utilization Syster	n Start Year:	1996					
Electric Utility Pa	rovider(s):						
Natural Gas Prov	ider(s):						
Energy Purchaser	r(s):						
Capacity:		Electrici	ty Generation Project (M	ſW) C)R	Direct Use Project (mmBt	u/hr)
Estimated Potent	ial Capacity:			4			36
Current Capacity:				3.0			
Planned Capacity							
Utilities in County:		Austin Elect	ric Dept; Bluebonnet Ele	ectric Coop Ind	; Fayette Ele	ctric Coop Inc; Pedernales	Electric Co
		D. ENVIE	RONMENTAL BENEF	TTS OF UTII	LIZATION		
			Po	tential		Current	
Methane Reduction (to	ons/yr):				6,624		0
CO2 Equivalent of CH	I4 Reduction (to	ns/yr):]	139,108		0
1					,		
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity Gen	eration Projec	t	Direct Use Pro	ject
			CO2 (tons/yr)	SO2 (tor	is/yr)	CO2 (tons/yr)	SO2 (tons/yr)
		Coal:	28,414		180	19,948	182
		Fuel Oil:	23,321		150	16,372	95
	N	atural Gas:	15,681		0	11,009	0
			E. CONTACT INFO	RMATION			
		Landfill		K IMITION		Landfill Operator	
Contact Name:	John Bean			Richa	rd Coon		
Mailing Address:	8900 Shoal Cro	ack Rouleverd		DO I	30x 820		
Mailing Address:	Suite 306	ck boulevalu			FM 973		
Dhone N	Suite 500						
Phone Number:				713-6	75-6101		
Fax Number:							
	I						



			Tescacita RD)F		Landfill Categor	y: Candidate	
		A. G]	ENERAL LANDFILL I	NFORMAT	ION	_		
Landfill Owner: Landfill Owner Type: Alternative Landfill Name:	Waste N Private	Management (Y	-	-	ons): ate Reported:	703,377 1998	
City:	Houstor	1		eres Currently Landfilled (acres):				
County:	Harris			verage Deptl	-			
State:	TX				n-Place (tons)):	6,049,524	
Year Open:	1981		19	998 Waste-in	-Place (tons)	:	6,049,524	
Year Closed:	2025							
		I	B. LANDFILL GAS CO	LLECTION				
Estimated Methane Generation LFG Collection System Status Current LFG Collected (mmsoc Collection and Treatment Sys	s: cf/d):		S/EG:	1.97 Yes				
-			C. LANDFILL GAS UT	ILIZATION	Ī			
Current Utilization: Utilization System Status Utilization System Type: Utilization System Start Electric Utility Provider(Natural Gas Provider(s): Energy Purchaser(s):	: Year: (s):	Unknown Unknown						
Capacity:		Electrici	ty Generation Project (MV	W) (OR	Direct Use Project (mmBtu	/hr)	
Estimated Potential Cape Current Capacity: Planned Capacity:	acity:			6			61	
Utilities in County:		Central Pow	er & Light Company; Dic	kens Electric	Coop Inc; H	Iouston County Elec Coop In	nc; Housto	
,			RONMENTAL BENEFI			, ,	•	
		D. E. (VII				Comment		
Methane Reduction (tons/yr):			FOIE	ential	11,363	Current	0	
CO2 Equivalent of CH4 Redu		ichir).		,	238,615		0	
CO2 Equivalent of CII+ Read	etion (ton	.s/ y/ /.			230,013			
Emissions Avoided by Fossil I	Fuel Disp	lacement:	Electricity Gener	ration Projec	et	Direct Use Proj	ect	
			CO2 (tons/yr)	SO2 (to	ıs/yr)	CO2 (tons/yr)	SO2 (tons/yr)	
		Coal:	48,146		304	34,217	311	
		Fuel Oil:	39,516		254	28,084	164	
	3.7							
	N	atural Gas:	26,571		0	18,884	0	
		I 46:11 /	E. CONTACT INFOR	MATION		I JEII Ot		
G + 1N		Landfill (Owner			Landfill Operator		
Contact Name:				B Jeff	rey Hobby			
Mailing Address:								
Phone Number:				281-4	46-6545			
Fax Number:				ambar 5 100		Stata: TV Da	57	

^{*} Itallicized indicates values estimated by EPA.

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			Tessman Road	LF		Landfill Categ	ory: Candidate	
		A. G	ENERAL LANDFILL IN	FORMAT	ION			
Landfill Owner:	BFI		Ar	nual Accep	tance Rate (tor	ns):	1,500,000	
Landfill Owner Type:	Private		Ye	Year Annual Acceptance Rate Reported:			1998	
Alternative Landfill N	ame:		De	Design Capacity (tons):				
City:	San An	tonio	Ac	res Currentl	y Landfilled (acres):	265	
County:	Bexar		Av	erage Deptl	n (feet):		95	
State:	TX		19	98 Waste-ii	n-Place (tons):		9,337,518	
Year Open:	1981		19	98 Waste-in	-Place (tons):		9,337,518	
Year Closed:	2005							
		I	B. LANDFILL GAS COL	LECTION				
Estimated Methane Ge	eneration (mmsc	f/d):		2.81				
LFG Collection System		,						
Current LFG Collected				1.8				
Collection and Treatm		uired Under NSF	PS/EG:	Yes				
			C. LANDFILL GAS UTI		I			
Current Utilization:								
Utilization System	n Status:	Unknown						
Utilization System		Unknown						
Utilization System								
Electric Utility Pr								
Natural Gas Prov								
Energy Purchaser	r(s):							
Capacity:	Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)					stu/hr)		
Estimated Potent	ial Capacity:			9			88	
Current Capacity:	:							
Planned Capacity	:						38	
Utilities in County:		Bandera Ele	ctric Coop Inc; Karnes Ele	ctric Coop I	nc; Nueces El	ectric Coop Inc; Pederna	lles Electric C	
		D. ENVIR	RONMENTAL BENEFIT	S OF UTI	LIZATION			
			Pote	ntial		Curren	t	
Methane Reduction (to	ne/vr):		1010	ıııdı	16,225	Curren	6,938	
CO2 Equivalent of CH	• .	nchr).		,	340,723		145,696	
CO2 Equivalent of Ch	4 Reduction (to	113/ y1).		•	540,725		143,070	
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity Gener	ation Projec	et	Direct Use Pr	oject	
			CO2 (tons/yr)	SO2 (to	ıs/yr)	CO2 (tons/yr)	SO2 (tons/yr)	
		Coal:	69,456		439	48,859	445	
		Fuel Oil:	57,007		367	40,101	234	
							234	
	N	atural Gas:	38,332		0	26,965	0	
			E. CONTACT INFOR	MATION				
		Landfill (Owner			Landfill Operator		
Contact Name:	John Bean			Kirk I	Burton			
Mailing Address:	757 N. Eldridg	e						
	PO Box 3151	· -						
Phone Number:				210	c1 4104			
i none muniber:	281-870-7450			210-6	61-4104			
Fax Number:								

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			Texas Disposal System		. 1011 0				
		A 0		Landfill Ca	tegory: Candidate				
A. GENERAL LANDFILL INFORMATION									
Landfill Owner:	Texas Disposal Systems Annual Acceptance Rate (tons): 4								
Landfill Owner Type:	Private			Annual Acceptance	e Rate Reported:	1998			
Alternative Landfill N	ame: Creedn	noore LF	Desig	gn Capacity (tons):		4,800,000			
City:	Creedn	noor	Acre	s Currently Landfill	ed (acres):				
County:	Travis		Aver	age Depth (feet):					
State:	TX		1998	Waste-in-Place (to	ons):	2,043,245			
Year Open:	1990		1998	Waste-in-Place (to	2,043,245				
Year Closed:	2050								
B. LANDFILL GAS COLLECTION									
Estimated Methane Ge	eneration (mmsc	f/d):		0.94					
LFG Collection System	n Status:								
Current LFG Collected									
Collection and Treatm	ent System Requ	uired Under NS	PS/EG:	No					
			C. LANDFILL GAS UTILI	ZATION					
Current Utilization:									
Utilization Syster	n Status:	Unknown							
Utilization Syster		Unknown							
Utilization Syster									
Electric Utility Pr									
Natural Gas Prov									
Energy Purchaser									
	(3)								
Capacity:		Electric	ity Generation Project (MW)	OR	Direct Use Project (mi	mBtu/hr)			
Estimated Potenti	ial Capacity:			3		29			
Current Capacity:	:								
Planned Capacity									
Utilities in County:		Austin Elec	tric Dept; Bluebonnet Electric	Coop Inc. Favette	Electric Coon Inc: Pedern	nales Electric Co			
Cunicis in County.			RONMENTAL BENEFITS			anes Electric Co			
		D. ENVI	I						
			Potenti		Curi				
Methane Reduction (to	= '			5,438		0			
CO2 Equivalent of CH	4 Reduction (to	ns/yr):		114,202		0			
Emissions Avoided by Fossil Fuel Displacement: Electricity Generation Project Direct Use Project									
Emissions rivolaca by	r ossii r uci Disp	насетет.	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)			
		Coal:	22,889	145	16,376	149			
		Fuel Oil:	18,786	121	13,441	78			
Natural Gas:			12,632	0	9,038	0			
Naturat Gas:					9,038				
E. CONTACT INFORMATION Landfill Owner Landfill Operator									
Contact Name				<u> </u>					
Contact Name:	Robert Gregory			Dennis L Hobbs					
Mailing Address:	P.O. Box 17126			P.O. Box 17126	5				
Phone Number:	510 010 0100			512 242 4100					
	512-243-0400			512-243-4100					
Fax Number:									



		Т	ricil Environmental R	esponse/Altar S	LF	Landfill Category.	Candidate	
		A. G	ENERAL LANDFIL	L INFORMAT	ION			
Landfill Owner: Landfill Owner Type:	Safety (Clean (formerly	Laidlaw)	Annual Accep		60,357		
Alternative Landfill Na	ame:			Design Capac	-	· · · · · ·	1,600,000	
City:	Altair				ly Landfilled (a	acres):	157	
County:	Colorac	do		Average Dept	-	,	22.5	
State:	TX				n-Place (tons):		1,841,556	
Year Open:	1976						1,841,556	
Year Closed:	2002							
		l	B. LANDFILL GAS	COLLECTION	I			
Estimated Methane Ge	eneration (mmsc	f/d):		0.89				
LFG Collection Syster								
Current LFG Collected								
Collection and Treatme		uired Under NSF	PS/EG:	No				
	1		C. LANDFILL GAS	UTILIZATION	V			
Current Utilization:								
Utilization System	n Status:	Unknown						
Utilization System		Unknown						
Utilization System		Clikilowii						
Electric Utility Pr								
·								
Natural Gas Provi								
Energy Purchaser	(s):							
Capacity:		Electrici	ty Generation Project	(MW)	OR D	Pirect Use Project (mmBtu/h	r)	
Estimated Potenti	ial Capacity:			3			28	
Current Capacity:								
Planned Capacity	:							
Utilities in County:		Bluebonnet 1	Electric Coop Inc; Cei	ntral Power & L	ight Company;	Fayette Electric Coop Inc; I	Houston L	
		D. ENVIR	RONMENTAL BENI	EFITS OF UTI	LIZATION			
				Potential		Current		
Methane Reduction (to	ons/vr):				5,140		0	
CO2 Equivalent of CH	- ·	ns/vr)·			107,938		0	
EG2 Equivalent of CII	Treduction (to	(165) y 1) .		137,250				
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity Generation Project			Direct Use Project		
			CO2 (tons/yr) SO2 (tons/yr)			CO2 (tons/yr) So	O2 (tons/yr)	
		Coal:	22,100)	140	15,478	141	
		Fuel Oil:	18,139)	117	12,704	74	
	N	latural Gas:	12,197	1	0	8,542	0	
			E. CONTACT INF					
		Landfill				Landfill Operator		
Contact Name:	Jerry Correl			Tamr				
				Tammy Brasher				
Mailing Address:				500 E	Battleground Ro	oad		
Phone Number:				409-2	234-5749			
Fax Number:				107-2				
rax mullioet.								



			WMI/Atasco	naita I E		Landell Catago	Candidata		
		1 C		TION	Landfill Categor	ry. Candidate			
A. GENERAL LANDFILL INFORMATION									
					eptance Rate		286,000		
Landfill Owner Type:					-	Rate Reported:	1994		
					acity (tons):				
City:	Housto	n			ntly Landfill	ed (acres):			
County:	Harris			Average Dep			0.50,000		
State:	TX			Waste-in-Pla			858,000		
Year Open:	1994			1998 Waste-in-Place (tons):			1,430,000		
Year Closed: 2001 B. LANDFILL GAS COLLECTION									
			b. LANDFILL GAS ()1 \				
Estimated Methane G		f/d):		0.78					
LFG Collection System									
Current LFG Collecte		. 111 1 2101		3.7					
Collection and Treatm	nent System Requ		PS/EG: C. LANDFILL GAS	No)NI				
			C. LANDFILL GAS	UTILIZATI)N				
Current Utilization:	G .	** 1							
Utilization System		Unknown							
Utilization System		Unknown							
Utilization System									
Electric Utility P Natural Gas Prov									
	* *								
Energy Purchase	I(S):								
Capacity:		Electric	ity Generation Project ((MW)	OR	Direct Use Project (mmBtu	ı/hr)		
Estimated Potent	ial Capacity:			2			25		
Current Capacity									
Planned Capacity									
		Central Pou	ver & Light Company	Dickens Flect	ric Coon Inc	; Houston County Elec Coop l	ne: Housto		
Ctiffics in County.			RONMENTAL BENE				me, Housto		
		D. ENVII	I		ILIZATIO				
			l I	Potential		Current			
Methane Reduction (to	• •				4,531		0		
CO2 Equivalent of CH	14 Reduction (to	ns/yr):			95,157		0		
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity Ge	eneration Proj	ject	Direct Use Proj	iect		
	•		CO2 (tons/yr) SO2 (tons/yr)		CO2 (tons/yr) SO2 (tons/				
	Coal:				120	13,645	124		
		Fuel Oil:	15,547		100	11,200	65		
					0		0		
Natural Gas:			10,454			7,531			
	T 10°11	E. CONTACT INF	ORMATION		1 1611 0				
		Landfill	Owner			Landfill Operator			
Contact Name:									
Mailing Address:	1320 Greenway Drive			1320 Greenway Drive					
Suite 1000				Suite 1000					
Phone Number:				214-550-1774					
				214	-550-1774				
Fax Number:									



WMI/E & D Waste Systems Inc. LF Landfill Category: Candidate A. GENERAL LANDFILL INFORMATION Landfill Owner: Waste Management of Texas, Incorporated Annual Acceptance Rate (tons): 286,000 Landfill Owner Type: Private Year Annual Acceptance Rate Reported: 1994 Alternative Landfill Name: Design Capacity (tons): City: Alvin Acres Currently Landfilled (acres): County: Galveston Average Depth (feet): State: TXWaste-in-Place (tons): 858,000 Year Open: 1994 1998 Waste-in-Place (tons): 1,430,000 Year Closed: 2001 **B. LANDFILL GAS COLLECTION** Estimated Methane Generation (mmscf/d): 0.78 LFG Collection System Status: Current LFG Collected (mmscf/d): Collection and Treatment System Required Under NSPS/EG: No C. LANDFILL GAS UTILIZATION Current Utilization: **Utilization System Status:** Unknown Utilization System Type: Unknown Utilization System Start Year: Electric Utility Provider(s): Natural Gas Provider(s): Energy Purchaser(s): Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr) 2 Estimated Potential Capacity: 25 Current Capacity: Planned Capacity: Gulf States Utilities Company; Houston Lighting & Power Co; Southwestern Power Admin; Texas-N Utilities in County: D. ENVIRONMENTAL BENEFITS OF UTILIZATION Potential Current Methane Reduction (tons/yr): 4,531 0 CO2 Equivalent of CH4 Reduction (tons/yr): 95.157 0 Emissions Avoided by Fossil Fuel Displacement: Electricity Generation Project Direct Use Project CO2 (tons/yr) SO2 (tons/yr) CO2 (tons/yr) SO2 (tons/yr) Coal: 18,943 120 13,645 124 Fuel Oil: 15,547 100 11,200 65 Natural Gas: 0 0 10,454 7,531 E. CONTACT INFORMATION Landfill Owner Landfill Operator Contact Name: Mailing Address: 1320 Greenway Drive 1320 Greenway Drive **Suite 1000 Suite 1000** Phone Number: Fax Number:



			Whispering Pines	LF		Landfill Categ	gory: Candidate	
		A. G	ENERAL LANDFILL IN	FORMAT	ION			
Landfill Owner:	BFI		An	nual Accept	tance Rate (t	ons):	261,202	
Landfill Owner Type:	Private		Ye	ar Annual A	Acceptance R	ate Reported:	1998	
Alternative Landfill Name:			De	Design Capacity (tons):				
City:	Housto	n	Ac	res Currentl	y Landfilled	(acres):	170	
County:	Harris		Av	erage Depth	(feet):		60	
State:	TX		19	98 Waste-ir	n-Place (tons):	6,005,991	
Year Open:	1978		199	98 Waste-in	-Place (tons):	6,005,991	
Year Closed:	2017							
]	B. LANDFILL GAS COL	LECTION				
Estimated Methane G	eneration (mmsc	f/d):		1.95				
LFG Collection Syste	m Status:							
Current LFG Collecte	d (mmscf/d):							
Collection and Treatm	nent System Requ			No				
			C. LANDFILL GAS UTI	LIZATION				
Current Utilization:								
Utilization Syste	m Status:	Unknown						
Utilization Syste	m Type:	Unknown						
Utilization Syste	m Start Year:							
Electric Utility P	rovider(s):							
Natural Gas Prov	vider(s):							
Energy Purchase	r(s):							
Capacity:		Electrici	ty Generation Project (MW	7) ()R	Direct Use Project (mmE	Stu/hr)	
	tial Canacitus			6			61	
Estimated Potential Capacity:				0			01	
Current Capacity Planned Capacity								
Trainled Capacity	y .							
Utilities in County:		Central Pow	er & Light Company; Dick	ens Electric	Coop Inc; I	Houston County Elec Coop	p Inc; Housto	
		D. ENVII	RONMENTAL BENEFIT	S OF UTII	LIZATION			
			Potei	ıtial		Curren	t	
Methane Reduction (to	ons/yr):		11,298		11,298		0	
CO2 Equivalent of CI	H4 Reduction (to	ns/yr):		2	237,262		0	
Emissions Avoided by	Fossil Fuel Disp	olacement:	Electricity Generation Project			Direct Use Project		
			CO2 (tons/yr)	SO2 (tor	is/yr)	CO2 (tons/yr)	SO2 (tons/yr)	
		Coal:	48,146		304	34,023	310	
		Fuel Oil:	39,516		254	27,925	163	
Natural Gas:			26,571		0	18,777	0	
			E. CONTACT INFORM	MATION		,	Ţ	
		Landfill		VIATION		Landfill Operator		
Contact Name:	John Bean	Landini	Owner	Diaha	rd Coon	Editoriii Operator		
				Riciia	ia Cooii			
Mailing Address:	757 N. Eldridg PO Box 3151	e						
Phone Number:	281-870-7450			713-6	75-6101			
Fax Number:				,13 0				



Wichita Falls SLF						Landfill Categor	ry: Candidate		
A. GENERAL LANDFILL INFORMATION									
Landfill Owner:	City of Wichita Ann				nal Acceptance Rate (tons):				
Landfill Owner Type:	Owner Type: Public				Acceptance 1	Rate Reported:	1998		
Alternative Landfill N	Alternative Landfill Name: Des				ty (tons):				
City:	Wichita	ı Falls	Acres	Currentl	ly Landfille	d (acres):	300		
County:	Wichita	ı	Avera	ge Deptl	n (feet):		40		
State:	TX		1998	Waste-ii	n-Place (ton	s):	3,495,847		
Year Open:	1982		1998	Waste-in	3,495,847				
Year Closed:	2021								
B. LANDFILL GAS COLLECTION									
Estimated Methane Ge	eneration (mmsc	f/d):		1.31					
LFG Collection System	n Status:								
Current LFG Collected	d (mmscf/d):								
Collection and Treatm	ent System Requ	uired Under NSF	PS/EG:	No					
			C. LANDFILL GAS UTILIZ	ZATION	1				
Current Utilization:									
Utilization Syster	n Status:	Unknown							
Utilization Syster	n Type:	Unknown							
Utilization Syster	n Start Year:								
Electric Utility Pr	rovider(s):								
Natural Gas Prov	ider(s):								
Energy Purchaser	r(s):	Certainteed 7	Vertrotec						
Canacity		Electrici	ty Generation Project (MW)	(OR	Direct Use Project (mmBtu	ı/hr)		
Capacity:		Eleculoi	ty Generation Project (MW)		JK 	Direct Use Project (IIIIIIBIL			
Estimated Potenti				4			41		
Current Capacity:									
Planned Capacity	:								
Utilities in County:									
		D. ENVIR	RONMENTAL BENEFITS	OF UTII	LIZATION				
			Potentia	ıl.		Current			
Methane Reduction (to	ons/vr):		7,586			Current	0		
CO2 Equivalent of CH	- ·	ns/vr):			159,312		0		
Emissions Avoided by Fossil Fuel Displacement:			Electricity Generation Project			Direct Use Project			
			CO2 (tons/yr)	SO2 (tot	ns/yr)	CO2 (tons/yr)	SO2 (tons/yr)		
		Coal:	32,360		205	22,845	208		
Fuel Oil:			26,560		171	18,750	109		
Natural Gas:			17,859		0	12,608	0		
E. CONTACT INFORMATION									
Landfill Owner						Landfill Operator			
Contact Name:	Sid McCaskel, Supervisor			Sid McCaskel					
Mailing Address	PO Box 1431			10984 Wiley Road					
Mailing Address: PO Box 1431				10984	r wiley Koa	ıu			
Phone Number:					940-438-2926				
Fax Number:									
I an I tuilloci.				1					

